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NOVEMBER 1978 SUMMARY

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FEDERAL MILK ORDER MARKET STATISTICS

NOVEMBER HIGHLIGHTS

MINIMUM CLASS I PRICE, \$12.01; BLEND, \$11.52

PRODUCER DELIVERIES UP 0.1 PERCENT

PRODUCER MILK USED IN CLASS I UP 0.2 PERCENT

59 PERCENT OF DELIVERIES USED IN CLASS I

IN-AREA FLUID MILK SALES (ADJUSTED) DOWN 0.3 PERCENT

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
DAIRY DIVISION
WASHINGTON, D.C.

ISSUED - January 1979

FMOS - 227

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FEDERAL MILK ORDER MARKET STATISTICS

Summary of Producer Deliveries, Producer deliveries used in Class I, and prices

Year	Number of markets	Average number of producers	Producer deliveries per producer	Change from prev. year	Average deliveries per producer	Deliveries used in Class I	Change from prev. year	Class I utilization	Class I Blended utilization	Prices per 100 pounds (3.5 percent)	
										Dollars	Dollars
No.	Number	Number	Bill. lb.	Pct.	Pct.	Pounds	Pct.	Pct.	Percent		
1973	61	131,565	66.2	-3.6	1,386	40.5	-1.0	61	8.03	7.31	
1974	61	126,094	67.8	2.3	1,473	39.3	-3.0	58	9.35	8.36	
1975	56	123,855	69.2	2.2	1,532	40.1	2.1	58	9.36	8.64	
1976	50	122,675	74.6	7.4	1,661	41.0	1.9	55	10.70	9.75	
1977	47	122,733	77.9	4.8	1,740	41.1	.6	53	10.59	9.69	

Percentages computed from unrounded pounds. Data for 1976 adjusted to a 365-day basis before computing percentage changes.

1/ Percentages computed from unrounded pounds.

2/ Based on markets where orders were effective excludes Iowa.

2/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes.

Excludes Iowa.

Summary of packaged fluid milk and fluid cream product sales 1/

Year	No. of mkts.	Whole milk items 2/	Lowfat and skim milk items 3/	Milk and Cream mixtures	Cream items 4/	Total fluid milk and fluid cream items 5/
		Mil. : Percent : 1lb.				
		:Change : over :Sales : prev. :year 6/				
		:Bf. :test:				
1974	61	28,067 - 5.6	3,411: 10,910 6.4	1,461: 386 - 4.5	10.9: 328 7/ 7.6	22.1: 39,881 - 2.5
1975	56	27,939 - .5	3,371: 11,989 9.9	1,471: 378 - 2.0	11.0: 363 7/10.9	21.8: 40,890 2.5
1976	50	27,726 - 1.0	3,351: 13,127 9.2	1,481: 399 - 5.2	11.0: 383 5.3	22.1: 41,882 2.2
1977 8/	46	23,094 - 2.3	3,331: 13,313 7.3	1,491: 343 - .7	11.1: 350 -2.3	21.1: 37,398 1.1
1978 8/	46	2,005 - 1.1	3.34: 1,191 5.8	1.51: 26 - 2.6	11.2: 23 - 3.9	20.3: 3,261 1.3
Feb.	46	1,807 - 1.1	3.33: 1,099 6.0	1.50: 25 - 5.5	10.9: 24 - 2.3	20.7: 2,970 1.4
Mar.	46	1,985 - 2.5	3.32: 1,220 4.6	1.49: 28 - 2.1	10.8: 30 - 8.0	21.1: 3,284 .1
Apr.	46	1,836 - 4.9	3.32: 1,146 3.2	1.48: 26 - 7.5	10.9: 25 -12.9	21.1: 3,051 -2.2
May	46	1,887 - .3	3.32: 1,178 8.7	1.49: 28 - .5	10.8: 29 4.1	21.3: 3,141 2.9
June	46	1,737 - 2.3	3.31: 1,058 3.9	1.49: 27 - 3.0	10.8: 28 - 2.2	21.1: 2,869 -.3
July	46	1,728 - 3.2	3.31: 1,027 2.0	1.50: 27 - 3.5	10.9: 27 - 2.2	21.1: 2,826 -.5
Aug.	46	1,836 - 3.6	3.31: 1,105 2.7	1.50: 28 - 5.1	10.8: 28 - 4.4	20.7: 3,015 -1.5
Sept.	46	1,920 - 3.6	3.32: 1,210 3.1	1.51: 27 - 5.3	10.9: 25 - 5.0	20.7: 3,198 -1.3
Oct.	46	1,917 - 3.3	3.33: 1,221 3.8	1.51: 27 - 5.9	10.9: 26 - 1.9	20.7: 3,208 -.7
Nov.	46					
Dec.	46					
Year to date	---	18,659 - 2.6	3.32: 11,455 4.4	1.50: 270 - 4.1	10.9: 265 - 1.8	20.9: 30,622 -.2
						2.65

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources.

2/ Plain and flavored whole milk.

3/ Plain, fortified and flavored skim and lowfat milk, and buttermilk.

4/ Light, heavy, and sour cream, and cream dips.

5/ Includes eggnog and yogurt.

6/ Data for 1976 adjusted to a 365-day basis before computing percentage changes.

7/ During January 1974, there was a change in the reporting of the sales of cream items. As a result, the percent change over the previous year is somewhat overstated.

8/ Represents the data for all Federal milk order markets, except New York-New Jersey.

Summary of milk, skim milk, and cream utilized in manufactured products and uses $\frac{1}{4}$

		BUTTER		CHEESE		FROZEN DESSERTS		COTTAGE CHEESE		SKIM MILK POWDER		TOTAL 2/	
No.	of	Percent	Percent	Percent	Percent	Change:	Change:	Percent	Percent	Change:	Change:	Percent	Percent
Year	: Mil.	: Change:	: Mil.	: Change:	: Mil.	: Change:	: Mil.	: Change:	: Mil.	: Change:	: Mil.	: Change:	: Percent
	: mktcs	: 1b.	: over	: 1b.	: over	: 1b.	: over	: 1b.	: over	: 1b.	: over	: 1b.	: over
	: :	: prev.	: Bf.	: prev.	: Bf.	: prev.	: Bf.	: prev.	: Bf.	: prev.	: Bf.	: prev.	: Bf.
	: :	: year3/	: :	: year3/	: :	: year3/	: :	: year3/	: :	: year3/	: :	: year3/	: :
1974	: 61	: 1,026	2.4	37.2	: 10,878	41.3	3.78	2,534	3.8	11.3	: 4,046	-7.8	1.15
1975	: 56	: 984	-1.4	38.2	: 11,621	7.4	3.80	2,868	16.5	11.7	: 4,126	-1.5	1.11
1976	4/ : 50	: 1,043	11.4	40.2	: 14,961	26.8	3.75	2,874	2.7	12.0	: 4,187	5.9	1.16
1977	5/ : 46	: 1,148	14.1	39.9	: 14,900	12.6	3.77	2,703	1.7	11.9	: 3,277	-2.4	1.07
1978	5/	: 46	115	0.8	40.3	: 1,221	3.4	3.88	: 151	-4.3	14.0	: 246	-6.6
	Jan.	: 46	102	.3	40.7	: 1,188	5.8	3.85	: 167	-1.4	13.5	: 249	-12.8
	Feb.	: 46	109	5.0	40.5	: 1,404	7.7	3.53	: 218	-8.1	12.3	: 294	-12.1
	Mar.	: 46	104	-.5	39.7	: 1,475	1.7	3.73	: 229	1.3	12.1	: 275	-15.5
	Apr.	: 46	103	.3	41.0	: 1,601	3.5	3.68	: 265	1.0	11.3	: 290	-15.9
	May	: 46	88	-5.5	40.0	: 1,570	9.0	3.62	: 289	3.3	11.2	: 295	-7.7
	June	: 46	75	-10.1	43.9	: 1,439	5.9	3.57	: 270	-6	11.3	: 282	-13.1
	July	: 46	69	-16.5	37.6	: 1,310	8.3	3.59	: 288	-1.2	11.5	: 294	-12.4
	Aug.	: 46	69	-17.4	38.4	: 1,141	9.6	3.71	: 222	1.6	12.4	: 266	-4.1
	Sept.	: 46	80	-16.4	40.0	: 1,191	14.4	3.99	: 202	8.0	12.7	: 260	1.4
	Oct.	: 46											
	Nov.	: 46											
	Dec.	: 46											
Year to Date	---	914	-5.1	39.8	: 13,540	6.7	3.74	: 2,301	-.1	12.1	: 2,752	-10.1	.98

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ Includes, in addition to listed manufactured products, milk, whole milk, condensed milk, evaporated milk, condensed milk, whole milk powder aerated, and frozen and plastic cream; milk, skim milk, and cream used in other manufactured products, i.e.

wood products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

3/ Percentage changes over previous year are based on pounds of butterfat, except for skim milk powder which are based on pounds of product.

4/ Data for 1976 adjusted to a 365-day basis before computing percentage changes.
5/ Excludes New York, New Jersey

Summary of packaged sales of fluid milk products in marketing areas defined by Federal milk orders 1/

1/ In area sales represent total sales in each of the areas by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handler in-area sales are partially estimated.

2/ Plain and flavored whole milk.
 3/ Plain fortified and flavored skim and lowfat milk and buttermilk.

3/ Train, fortify, and fire
4/ Percentages based on the
computing percentage changes

5/ Adjusted to eliminate variations in data due to calendar composition and seasonality. See special article in FMOS - 221, July 1978.

6/ Excludes the New York-New Jersey, Fort Smith, Lake Mead, Western Colorado, and Mississippi markets.

// Excludes the New York-New Jersey market.
8/ Excludes the New York-New Jersey and New Orleans-Mississippi markets.

Table 1.—Federal order fluid differentials, December 1978 and January 1979; minimum Class I prices for milk of 3.5 percent butterfat content, f.o.b. market or other indicated point* and butterfat differentials, December 1977 and 1978; and Class I price January 1979 and 1978

Marketing area	Fluid			Class I			Class I			Fluid			Class I			Class I		
	diff.	Class I price per 100 lb.	0.1%	diff.	Class I price per 100 lb.	0.1%	diff.	Class I price per 100 lb.	0.1%	diff.	Class I price per 100 lb.	0.1%	diff.	Class I price per 100 lb.	0.1%	diff.	Class I price per 100 lb.	
	1/	Dollars	Cents	1/	Dollars	Cents	1/	Dollars	Cents	1/	Dollars	Cents	1/	Dollars	Cents	1/	Dollars	
NEW ENGLAND	2.92	13.10	: 11.72	13.7	11.7	: 13.36	11.77	: 13.00	11.77	1.60	11.78	: 10.24	13.7	: 11.7	12.04	: 10.39		
New England	2.95	13.13	: 11.69	13.9	11.7	: 13.39	11.74	: 13.05	11.40	1.74	11.92	: 10.48	13.7	: 11.7	12.18	: 10.53		
MIDDLE ATLANTIC	2.61	12.79	: 11.35	13.7	11.7	: 13.05	11.40	: 12.95	11.83	1.85	11.83	: 10.59	13.7	: 11.7	12.09	: 10.44		
New York-New Jersey	2.78	12.96	: 11.52	13.7	11.7	: 13.22	11.57	: 13.00	11.98	1.80	11.98	: 10.54	13.7	: 11.7	12.24	: 10.59		
Middle Atlantic	2.30	12.48	: 11.04	13.7	11.7	: 12.74	11.09	: 12.48	11.88	1.70	11.88	: 10.44	13.7	: 11.7	12.14	: 10.49		
SOUTH ATLANTIC	3.15	15.33	: 11.89	13.9	11.7	: 13.59	11.94	: 13.29	11.64	1.94	12.12	: 10.68	13.7	: 11.7	12.29	: 10.64		
Tampa Bay	2.85	13.03	: 11.59	13.9	11.7	: 13.29	11.73	: 13.00	11.73	1.10	12.28	: 10.84	13.7	: 11.7	12.38	: 10.73		
Southeastern Florida	2.30	12.48	: 11.04	13.7	11.7	: 12.74	11.09	: 12.48	11.88	1.80	11.88	: 10.44	13.7	: 11.7	12.54	: 10.89		
Upper Florida	2.30	12.48	: 11.04	13.7	11.7	: 12.74	11.09	: 12.48	11.88	1.80	11.88	: 10.44	13.7	: 11.7	12.54	: 10.89		
Georgia	2.30	12.48	: 11.04	13.7	11.7	: 12.74	11.09	: 12.48	11.88	1.80	11.88	: 10.44	13.7	: 11.7	12.54	: 10.89		
EAST NORTH CENTRAL	1.60	11.78	: 10.34	13.4	11.5	: 12.04	10.39	: 12.29	10.64	1.94	12.12	: 10.68	13.7	: 11.7	12.38	: 10.73		
Eastern Group	1.85	12.03	: 10.59	13.7	11.7	: 12.29	10.64	: 12.48	10.69	1.95	12.13	: 10.72	13.7	: 11.7	12.39	: 10.74		
Southern Michigan	1.70	11.88	: 10.44	13.7	11.7	: 12.14	10.49	: 12.20	10.72	1.98	12.16	: 10.72	13.7	: 11.7	12.42	: 10.77		
Eastern Ohio-W. Pa.	1.26	11.44	: 10.00	13.7	11.6	: 11.79	10.14	: 12.43	10.94	2.25	12.38	: 10.94	13.7	: 11.7	12.64	: 10.99		
Ohio Valley	1.70	11.88	: 10.44	13.7	11.7	: 12.14	10.49	: 12.42	11.43	2.25	12.43	: 10.99	13.7	: 11.7	12.69	: 11.04		
Western Group	1.35	11.53	: 10.09	13.7	12.6	: 11.79	10.14	: 12.42	11.60	1.37	11.16	: 11.16	13.7	: 11.7	12.86	: 11.21		
Mich. Upper Penins.	1.26	11.44	: 10.00	13.7	11.6	: 11.79	10.14	: 12.42	11.60	1.37	11.16	: 11.16	13.7	: 11.7	12.86	: 11.21		
Chicago Regional	1.70	11.88	: 10.44	13.7	11.7	: 12.14	10.49	: 12.42	11.60	1.37	11.16	: 11.16	13.7	: 11.7	12.86	: 11.21		
Louis.-Lex.-Evans.	1.47	11.65	: 10.21	13.7	11.7	: 11.91	10.26	: 12.42	11.79	1.37	11.59	: 11.59	13.7	: 11.7	12.91	: 11.26		
Indiana	1.53	11.71	: 10.27	13.7	11.7	: 11.97	10.32	: 12.42	11.86	1.37	11.66	: 11.66	13.7	: 11.7	13.29	: 11.64		
Southern Illinois	1.39	11.57	: 10.13	13.7	11.7	: 11.83	10.18	: 12.42	11.90	1.37	11.73	: 11.73	13.7	: 11.7	12.76	: 11.11		
Central Illinois	1.60	11.78	: 10.34	13.7	11.7	: 12.74	11.09	: 12.42	11.86	1.37	11.73	: 11.73	13.7	: 11.7	12.76	: 11.11		
WEST NORTH CENTRAL	1.12	11.30	: 9.86	13.7	11.7	: 11.56	9.91	: 12.48	11.04	1.57	13.1	: 12.74	11.09	: 12.74	11.09	: 12.74		
Northern Group	1.40	11.58	: 10.14	13.7	11.7	: 11.84	10.19	: 12.48	11.04	1.90	12.08	: 10.64	14.5	: 12.1	12.34	: 10.69		
Upper Midwest	1.95	12.13	: 10.69	14.5	12.1	: 12.39	10.74	: 12.52	12.70	2.00	12.18	: 10.74	14.5	: 12.1	12.44	: 10.79		
Eastern South Dakota	1.40	11.58	: 10.14	13.7	11.7	: 11.84	10.19	: 12.48	11.26	1.52	12.53	: 11.09	13.7	: 11.7	12.96	: 11.31		
Black Hills	1.40	11.58	: 10.14	13.7	11.7	: 11.84	10.19	: 12.48	11.36	1.60	11.78	: 10.34	14.5	: 12.1	12.04	: 10.39		
Iowa	1.60	11.78	: 10.34	13.7	11.7	: 12.74	11.09	: 12.42	11.86	1.85	12.03	: 10.59	13.7	: 11.7	12.29	: 10.64		
Nebraska-Western Iowa	1.60	11.78	: 10.34	13.7	11.7	: 12.74	11.09	: 12.42	11.86	1.85	12.13	: 10.69	14.9	: 12.4	12.39	: 10.74		
PACIFIC	1.95	12.13	: 10.69	14.5	12.1	: 12.39	10.74	: 12.55	12.70	1.95	12.13	: 10.69	14.5	: 12.1	12.44	: 10.79		
Puget Sound	1.95	12.13	: 10.69	14.5	12.1	: 12.39	10.74	: 12.55	12.70	1.95	12.13	: 10.69	14.5	: 12.1	12.44	: 10.79		
Inland Empire	1.95	12.13	: 10.69	14.5	12.1	: 12.39	10.74	: 12.55	12.70	1.95	12.13	: 10.69	14.5	: 12.1	12.44	: 10.79		
Oregon-Washington	1.95	12.13	: 10.69	14.5	12.1	: 12.39	10.74	: 12.55	12.70	1.95	12.13	: 10.69	14.5	: 12.1	12.44	: 10.79		

* Generally the major city in the marketing area. See footnotes on table 2 for location. The basic formula price is the Minnesota-Wisconsin price for the second preceding month adjusted to a 3.5 percent butterfat content.

TABLE 2.—FEDERAL CREAM MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.C.C.E. MARKET
OR OTHER INDICATED FCIINT* AND BUTTERFAT DIFFERENTIALS, NOVEMBER**

MARKETING AREA	PRICES PER 100 POUNDS								FAT DIFFERENTIAL 0.1%				
	CLASS I		BLEND		CLASS	CLASS	CLASS	BLEND	CLASS	CLASS	CLASS	BLEND	
	NCV 1978	FCV 1977	NCV 1978	NCV 1977	NOVEMBER 1978	NOVEMBER 1977	NOVEMBER 1978				CENTS		
E C C L A R S													
NEW ENGLAND													
NEW ENGLAND 1/	12.88	11.72	12.42	11.65	10.50	---	---	13.9	13.9	---	---	13.9	
AVERAGE 2/	12.88	11.72	12.42	11.65	10.50	---	---	13.9	13.9	---	---	13.9	
MIDDLE ATLANTIC													
NEW YORK-NEW JERSEY 3/	12.51	11.35	11.50	10.50	10.50	---	---	13.9	13.9	---	---	13.9	
MIDDLE ATLANTIC 4/	12.68	11.52	12.15	10.43	10.52	---	---	13.9	13.9	---	---	13.9	
AVERAGE 2/	12.57	11.42	11.85	10.47	10.50	---	---	13.9	13.9	---	---	13.9	
SOUTHEAST													
TAMPA BAY	12.85	11.69	12.64	11.43	10.55	---	---	13.9	13.9	---	---	13.9	
SOUTHEASTERN FLORIDA 5/	13.05	11.89	12.88	11.63	10.55	7/5.44	13.9	13.9	13.9	13.9	13.9		
UPPER FLORIDA 8/	12.75	11.59	12.64	11.45	10.55	---	13.9	13.9	13.9	13.9	13.9		
GEORGIA 9/	12.20	11.04	11.50	10.64	10.54	10.44	13.9	13.9	13.9	13.9	13.9		
AVERAGE 2/	12.60	11.45	12.36	11.13	10.50	---	13.9	13.9	13.9	13.9	13.9		
EAST NORTH CENTRAL													
EASTERN CIRCLE													
SOUTHERN MICHIGAN 10/	11.50	10.34	11.11	9.73	10.54	10.44	13.7	13.7	13.7	13.7	13.7		
EASTERN CHIC-WESTERN PA. 11/	11.75	10.59	12/11.64	12/10.28	10.54	10.44	13.9	13.9	13.9	13.9	13.9		
OHIO VALLEY 13/	11.60	10.44	11.54	10.21	10.54	10.44	13.9	13.9	13.9	13.9	13.9		
AVERAGE 2/	11.61	10.45	11.40	10.04	10.50	---	13.8	13.8	13.8	13.8	13.8		
WESTERN CIRCLE													
MICHIGAN LOWER PENINSULA 14/ 15/	11.25	10.09	10.91	9.62	10.44	---	14.5	13.9	---	---	14.2		
CHICAGO REGIONAL 16/	11.16	10.00	10.87	9.35	10.54	10.44	13.9	13.9	13.9	13.9	13.9		
LSVILLE-LXCTN-EVANSVILLE	11.60	10.44	11.71	10.45	10.54	10.44	13.9	13.9	13.9	13.9	13.9		
INDIANA 17/	11.37	10.21	12/11.14	12/10.13	10.54	10.44	13.9	13.9	13.9	13.9	13.9		
SOUTHERN ILLINOIS 18/	11.43	10.27	11.58	10.18	10.54	10.44	13.9	13.9	13.9	13.9	13.9		
CENTRAL ILLINOIS 19/	11.29	10.13	11.27	10.17	10.54	10.44	13.9	13.9	13.9	13.9	13.9		
AVERAGE 2/	11.29	10.13	11.03	9.65	10.50	---	13.9	13.9	13.9	13.9	13.9		
WEST NORTH CENTRAL													
WESTERN CIRCLE													
UPPER MIDWEST 20/	11.02	9.86	10.65	9.12	10.54	10.44	13.9	13.9	13.9	13.9	13.9		
EASTERN SOUTHLAKOTA 21/	11.30	10.14	10.55	9.61	10.54	10.44	13.9	13.9	13.9	13.9	13.9		
BLACK HILLS 22/	11.85	10.69	11.44	10.35	10.54	---	13.9	13.9	13.9	13.9	13.9		
ICIA 23/	11.30	10.14	10.98	9.66	10.54	10.44	13.9	13.9	13.9	13.9	13.9		
NEBRASKA - WESTERN ICIA 24/	11.50	10.34	12/10.58	12/9.67	10.54	10.44	13.9	13.9	13.9	13.9	13.9		
AVERAGE 2/	11.16	10.01	10.72	9.21	10.50	---	13.9	13.9	13.9	13.9	13.9		

* Major city in the marketing area. ** All averages are weighted. 1/ Nearby plant zone prices; Boston and Hartford are in this zone. Price at 201-210 mile zone: Class I and blend, 40 cents less. 2/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa. 3/ New York City metropolitan area. Price excludes a 15-cent direct delivery differential in 1978, 5 cents in 1977. Prices at 201-210 mile zone: Class I and blend, 36 cents less in 1978, 24 cents less in 1977; Class II eight cents less. 4/ Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent delivery differential applicable to milk delivered to Philadelphia. 5/ Seven cents for advertising and promotion has been deducted from the blend price. 6/ Miami. 7/ Applies to the skim milk portion of all milk which is either disposed of for fertilizer or livestock feed or dumped. 8/ Jacksonville and Tallahassee. 9/ Atlanta. 10/ Price excludes direct delivery differentials applicable to milk delivered to Detroit of 8 cents in 1977 and 10 cents in 1978. 11/ Zone I (Erie, Pennsylvania). Class I and blend price for zone 3 (Cleveland) plus 8 cents, for zone 4 (Pittsburgh) plus ten cents. 12/ Five cents for advertising and promotion has been deducted from the blend price. 13/ Central zone (Cincinnati and Columbus). Class I and blend price at Toledo (Northwestern zone) five cents less and at Charleston, West Virginia (Southeastern zone) 5 cents more. 14/ Zone 2 (Marquette). 15/ Individual handler pool. Blend prices are weighted averages of all handlers, 1977-78. 16/ Zone I (Chicago). Class I and blend price at Milwaukee (Zone 4) 9 cents less. 17/ Indianapolis. 18/ Base zone (Alton). Class I and blend price at Carbondale (Southeastern zone) seven cents more. 19/ Peoria. 20/ Zone I (Minneapolis). 21/ Sioux Falls. 22/ Rapid City, South Dakota. 23/ Zone I (Des Moines). Class I prices at other points in the marketing area: Rock Island, IL., minus seven cents; Waterloo, minus sixteen cents. 24/ Zone I (Omaha).

TABLE 2-FEDERAL ORCEF MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.C.E. MARKET OR OTHER INDICATED POINT*, AND BUTTERFAT DIFFERENTIALS, NOVEMBER** -CON.

MARKETING AREA	PRICES PER 100 POUNDS								FAT DIFFERENTIAL 3.1%						
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND					
	NCV 1978	NCV 1977	NCV 1978	NCV 1977	NOVEMBER 1978		NOVEMBER 1978								
<u>CENTS</u>															
<u>CCILLARS</u>															
WEST NORTH CENTRAL -CON.															
SOUTHERN CIRCLE															
ST LOUIS - CZAFLKS ^{25/}	11.50	10.34	12/ 11.44	12/ 10.26	10.54	10.44	13.9	13.9	13.9	13.9					
GREATER KANSAS CITY ^{26/}	11.64	10.48	12/ 11.19	12/ 9.66	10.54	10.44	13.9	13.9	13.9	13.9					
NECEN VALLEY ^{27/}	11.55	10.39	11.24	12/ 10.25	10.54	10.44	13.9	13.9	13.9	13.9					
WICHITA ^{28/}	11.70	10.54	12/ 11.42	12/ 10.13	10.54	10.44	13.9	13.9	13.9	13.9					
AVERAGE ^{2/}	11.56	10.40	11.37	10.16	---	---	13.9	---	---	---					
EAST SOUTH CENTRAL															
PACIFIC	11.60	10.44	11.98	10.63	10.54	10.44	13.9	13.9	13.9	13.9					
NASHVILLE	11.75	10.59	11.28	10.00	10.54	10.44	13.9	13.9	13.9	13.9					
MEMPHIS ^{29/}	11.84	10.68	12/ 11.62	12/ 10.40	10.54	10.44	13.9	13.9	13.9	13.9					
TENNESSEE VALLEY ^{30/}	12.00	10.84	11.76	10.42	10.54	10.44	13.9	13.9	13.9	13.9					
AVERAGE ^{2/}	11.90	10.73	11.66	10.32	---	---	13.9	---	---	---					
WEST SOUTH CENTRAL															
NORTHERN CIRCLE	31/														
CENTRAL ARKANSAS ^{32/}	11.84	10.68	12/ 11.69	12/ 10.49	10.54	10.44	13.9	13.9	13.9	13.9					
OKLAHOMA METROPOLITAN ^{33/}	11.88	10.72	12/ 11.51	12/ 10.31	10.54	10.44	13.9	13.9	13.9	13.9					
REC RIVER VALLEY ^{34/}	12.10	10.94	12/ 11.61	12/ 10.50	10.54	10.44	13.9	13.9	13.9	13.9					
TEXAS PANHANDLE ^{35/}	12.15	10.99	12/ 11.51	12/ 10.70	10.54	10.44	13.9	13.9	13.9	13.9					
LUBBOCK - PLAINVIEW	12.32	11.16	12/ 12.24	12/ 10.92	10.54	10.44	13.9	13.9	13.9	13.9					
AVERAGE ^{2/}	11.93	10.77	11.63	10.43	---	---	13.9	---	---	---					
SOUTHERN CIRCLE															
GREATER LOUISIANA ^{36/}	12.37	11.21	12.22	10.88	10.54	10.44	13.9	13.9	13.9	13.9					
NEW ORLEANS-MISSISSIPPI ^{37/}	12.75	11.59	12.39	11.12	10.54	10.44	13.9	13.9	13.9	13.9					
TEXAS ^{38/}	12.22	11.06	12/ 11.66	12/ 10.60	10.54	10.44	13.9	13.9	13.9	13.9					
AVERAGE ^{2/}	12.34	11.18	12.01	10.72	---	---	13.9	---	---	---					
MOUNTAIN															
EASTERN CIRCLE ^{39/}	12.20	11.04	11.82	10.54	10.54	10.44	15.0	14.5	14.5	14.8					
GREAT EASIN ^{40/}	11.80	10.64	11.38	9.99	10.54	10.44	13.9	13.9	13.9	13.9					
WESTERN CIRCLE ^{41/}	11.50	10.74	11.93	10.51	10.54	10.44	13.9	14.5	14.5	14.1					
CENTRAL ARIZONA ^{42/}	12.42	11.26	11.66	10.51	10.54	10.44	13.9	13.9	13.9	13.9					
RIO GRANDE VALLEY ^{43/}	12.25	11.09	12/ 11.79	12/ 10.67	10.54	10.44	13.9	13.9	13.9	13.9					
LAKE MEAD ^{44/}	11.50	10.34	11.55	9.94	10.54	10.44	13.9	13.9	13.9	13.9					
AVERAGE ^{2/}	12.14	10.98	11.72	10.39	---	---	14.2	---	---	---					
PACIFIC															
PLGET CIRCLE ^{45/}	11.75	10.59	11.11	9.69	10.69	10.44	13.9	13.9	13.9	13.9					
INLAND EMPIRE ^{46/}	11.85	10.69	11.29	9.85	10.69	10.44	14.2	13.9	13.9	14.0					
OREGON - WASHINGTON ^{47/}	11.85	10.69	11.29	10.04	10.69	10.44	13.9	13.9	13.9	13.9					
AVERAGE ^{2/}	11.81	10.65	11.25	9.85	---	---	13.9	---	---	---					
45-MARKET AVERAGE ^{2/ 31/}	12.01	10.85	11.52	10.16	48/ 10.53	---	13.9	---	---	---					
ALL-MARKET AVERAGE	12.00	10.84	11.50	10.15	48/ 10.53	---	13.9	---	---	---					

^{25/} Zone I (St. Louis and Springfield). ^{26/} Kansas City and Topeka. ^{27/} Pittsburgh, Kansas. ^{28/} Zone I (Wichita). ^{29/} Individual handler pool. Blend prices are weighted averages of all handlers, 1977-78. ^{30/} Bristol, Chattanooga, and Knoxville. ^{31/} Excludes Fort Smith. Fewer than three handlers. Fort Smith prices: Class I 1978, \$11.85 and 1977, \$10.69; Blend 12/ 1978, \$11.52 and 1977, \$10.44; Class II 1978, \$10.54 and 1977, \$8.89; Class III 1978, \$10.44 and 1977, \$8.79. Fat differential: Class I 1978, 13.9% and 1977, 11.6%; Class II 1978, 13.9% and 1977, 11.6%; Class III 1978, 13.9% and 1977, 11.6%; Blend 1978, 13.9% and 1977, 11.6%. ^{32/} Little Rock. ^{33/} Oklahoma City. ^{34/} Wichita Falls, Texas. ^{35/} Amarillo. ^{36/} Monroe and Shreveport. ^{37/} Zone I (New Orleans). ^{38/} Zone I (Dallas). Class I price at Houston, plus 36 cents. ^{39/} Denver. ^{40/} Salt Lake City, Utah. ^{41/} Grand Junction. ^{42/} Phoenix. ^{43/} Albuquerque, Santa Fe, and El Paso. ^{44/} Las Vegas, Nevada. ^{45/} District I (Seattle). ^{46/} Spokane, Washington. ^{47/} Portland. ^{48/} A weighted average price for milk in excess of Class I needs calculated as follows: (producer deliveries used in Class II times the Class II price) plus (producer deliveries used in Class III times the Class III price) divided by (total producer deliveries in excess of Class I needs).

TABLE 3.-FEDERAL CREAM MINIMUM CLASS I AND PLENE PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.C.C.B.
MARKET OR OTHER INDICATED POINT, JANUARY - NOVEMBER, AVERAGES 1/

MARKETING AREA	CLASS I*			PLENE*		
	1978	1977	CHANGE 1978 OVER 1977	1978	1977	CHANGE 1978 OVER 1977
	DOLLARS PER 100 POUNDS					
NEW ENGLAND						
NEW ENGLAND	12.19	11.43	.76	11.14	10.36	.78
AVERAGE 2/	12.19	11.43	.76	11.14	10.36	.78
MIDDLE ATLANTIC						
NEW YORK-NEW JERSEY	11.83	11.09	.74	10.61	9.82	.79
MIDDLE ATLANTIC	11.98	11.23	.75	10.62	10.07	.75
AVERAGE 2/	11.89	11.15	.74	10.66	9.91	.77
SOUTH ATLANTIC						
TAMPA BAY	12.14	11.35	.75	11.62	11.25	.63
SOUTHEASTERN FLORIDA	12.35	11.60	.75	12.17	11.58	.59
UPPER FLORIDA	12.06	11.30	.76	11.93	11.35	.58
GEORGIA	11.52	10.76	.76	11.06	10.29	.79
AVERAGE 2/	11.92	11.17	.75	11.61	10.93	.68
EAST NORTH CENTRAL						
EASTERN CFCDF						
SOUTHEASTERN MICHIGAN	10.81	10.05	.76	10.23	9.40	.83
EASTERN CHIC-WESTERN PA.	11.06	10.30	.76	10.24	9.53	.71
OHIO VALLEY	10.92	10.16	.76	10.26	9.55	.81
AVERAGE 2/	10.92	10.17	.75	10.27	9.48	.79
WESTERN CFCDF						
MICHIGAN LOWER PENINSULA	10.56	9.81	.75	10.07	9.25	.82
CHICAGO REGIONAL	10.47	9.72	.75	9.92	9.15	.88
LSVILLE-L>CIA-EVANSVILLE	10.91	10.16	.75	10.22	9.51	.61
INDIANA	10.67	9.91	.76	10.28	9.44	.84
SOUTHEASTERN ILLINOIS	10.74	9.98	.76	10.28	9.44	.84
CENTRAL ILLINOIS	10.61	9.85	.76	10.22	9.38	.84
AVERAGE 2/	10.60	9.85	.75	10.04	9.18	.86
WEST NORTH CENTRAL						
NORTHERN CFCDF						
UPPER MIDWEST	10.34	9.58	.76	9.69	8.83	.86
EASTERN SOUTHERN CARKOTA	10.62	9.86	.76	10.05	9.22	.87
BLACK HILLS	11.18	10.42	.76	10.49	9.53	.96
ICWA 3/	10.61	9.84	.77	10.05	9.22	.83
NEBRASKA - WESTERN ICWA	10.81	10.05	.76	10.15	9.26	.89
AVERAGE 2/	10.48	9.72	.76	9.77	8.90	.87

CONTINUED

TABLE 3.-FEDERAL CREAM MINIMUM CLASS I AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.C.C.
MARKET OR OTHER INDICATED POINT, JANUARY - NOVEMBER, AVERAGES 1/ -CON.

MARKETING AREA	CLASS I*			BLEND**		
	1978	1977	CHANGE 1978 OVER 1977	1978	1977	CHANGE 1978 OVER 1977
	CENTS PER 100 POUNDS					
WEST NORTH CENTRAL -CON.						
SOUTHERN CIRCLE						
ST. LOUIS - CARKS	10.82	10.06	.76	10.31	9.48	.83
GREATER KANSAS CITY	10.95	10.19	.76	10.30	9.41	.89
NECOSH VALLEY	10.87	10.12	.75	10.67	9.96	.71
WICHITA	11.01	10.26	.75	10.42	9.54	.88
AVERAGE 2/	10.87	10.12	.75	10.32	9.46	.86
EAST SOUTHERN CENTRAL						
PACIFIC	10.91	10.15	.76	10.59	9.80	.79
NASHVILLE	11.06	10.31	.75	10.40	9.53	.87
MEMPHIS	11.15	10.36	.76	10.67	10.09	.78
TENNESSEE VALLEY	11.31	10.56	.75	10.89	10.07	.82
AVERAGE 2/	11.21	10.45	.76	10.75	9.91	.84
WEST SOUTHERN CENTRAL						
4/ CFTHEPA CIRCLE						
CENTRAL ARKANSAS	11.15	10.40	.75	10.92	10.07	.85
OKLAHOMA METROPOLITAN	11.19	10.44	.75	10.66	9.80	.86
RED RIVER VALLEY	11.40	10.64	.76	10.83	10.03	.80
TEXAS PANHANDLE	11.46	10.71	.75	11.10	10.06	1.02
LLEDOCK - FLATVIEW	11.63	10.88	.75	11.40	10.51	.89
AVERAGE 2/	11.24	10.49	.75	10.77	9.94	.83
SOUTHERN CIRCLE						
CREATED LOUISIANA	11.67	10.92	.75	11.28	10.55	.73
NEW ORLEANS-MISSISSIPPI	12.06	11.30	.76	11.38	10.55	.79
TEXAS	11.53	10.78	.75	11.05	10.28	.85
AVERAGE 2/	11.66	10.90	.76	11.15	10.32	.83
MOUNTAIN						
EASTERN COLORADO	11.52	10.76	.76	10.97	10.20	.77
GREAT BASIN	11.12	10.26	.76	10.46	9.57	.89
WESTERN COLORADO	11.22	10.46	.76	11.02	10.00	1.02
CENTRAL ARIZONA	11.73	10.98	.75	10.97	10.07	.90
RED RIVER VALLEY	11.57	10.81	.76	10.57	10.30	.67
LAKE HEAD	10.82	10.06	.76	10.57	9.68	.86
AVERAGE 2/	11.46	10.70	.76	10.82	9.99	.84
PACIFIC						
PACIFIC SCLNC	11.07	10.31	.76	10.19	9.33	.86
INLAND EMPIRE	11.16	10.41	.75	10.36	9.49	.87
OREGON - WASHINGTON	11.17	10.41	.76	10.46	9.64	.82
AVERAGE 2/	11.13	10.37	.76	10.32	9.47	.85
45-MARKET AVERAGE 2/ 4/	11.33	10.57	.76	10.48	9.67	.81
ALL-MARKET AVERAGE	11.32	10.56	.76	10.47	9.66	.81

* All averages are weighted.

1/ See footnotes on table 2 for location at which price is reported.

2/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa.

3/ For the period, January-April 1977, the prices represent weighted averages for the four merged markets.

4/ Excludes Fort Smith. Fewer than three handlers.

TABLE 4.-NUMBER OF FREEDERS DELIVERING MILK TO FARMERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER FREEDER, NOVEMBER

MARKETING AREA	NUMBER OF FREEDERS		FREEDER DELIVERIES			AVERAGE BUTTERfat PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER FREEDER	
	ACV 1978	CHANGE FROM ACV 1977	ACV 1978	ACV 1977	CHANGE FROM ACV 1977	ACV 1978	ACV 1977	ACV 1978	ACV 1977
	NUMBER		1,000 LBS.	PERCENT		PERCENT		FEUNDS	
NEW ENGLAND									
NEW ENGLAND	7,621	350-	284,640	350,660	1.5-	3.75	3.78	1,682	1,634
AVERAGE OR TOTAL 1/	7,621	350-	284,640	350,660	1.5-	3.75	3.78	—	—
MIDDLE ATLANTIC									
NEW YORK-NEW JERSEY	17,787	1,062-	750,445	721,665	2.6-	3.71	3.68	1,404	1,294
MIDDLE ATLANTIC	7,345	622-	421,445	461,857	6.7-	3.77	3.85	1,912	1,931
AVERAGE OR TOTAL 1/	25,132	1,684-	1,171,514	1,183,522	1.8-	3.73	3.74	—	—
SOUTH ATLANTIC									
TAMPA BAY	117	1	43,172	41,030	5.2	3.51	3.57	11,164	10,765
SOUTHEASTERN FLORIDA	115	0	64,256	65,321	1.6-	3.53	3.68	18,566	18,978
UPPER FLORIDA	184	12	56,066	51,955	7.9	3.55	3.58	11,154	10,026
GEORGIA	1,413	48	134,461	124,972	7.6	3.73	3.77	3,172	3,052
AVERAGE OR TOTAL 1/	1,829	59	297,977	263,369	5.2	3.62	3.66	—	—
EAST NORTH CENTRAL									
EASTERN CFCFLP									
SOUTHEASTERN MICHIGAN	6,472	258-	235,150	324,210	.3	3.80	3.76	1,726	1,655
EASTERN CHIC-WESTERN PA.	6,808	508-	256,052	262,195	2.3-	3.78	3.72	1,254	1,195
OHIO VALLEY	5,912	678-	233,725	261,050	10.5-	3.82	3.80	1,316	1,326
AVERAGE OR TOTAL 1/	19,192	1,444-	824,577	857,455	3.8-	3.80	3.76	—	—
WESTERN CFCFLP									
MICHIGAN LOWER PENINSULA	192	7-	6,818	6,438	5.9	3.76	3.73	1,176	1,073
CHICAGO REGIONAL	16,858	129	754,052	742,377	1.6	3.87	3.82	1,491	1,475
LSVILLE-LXCTCA-EVANSVILLE	2,174	117-	87,465	89,372	2.1-	3.75	3.81	1,341	1,301
INDIANA	3,184	216-	139,250	128,951	8.1	3.85	3.89	1,459	1,462
SOUTHEASTERN ILLINOIS	1,732	154-	74,717	61,075	7.6-	3.84	3.80	1,438	1,433
CENTRAL ILLINOIS	596	115	23,610	20,070	17.6	3.83	3.88	1,320	1,351
AVERAGE OR TOTAL 1/	24,737	250-	1,086,097	1,068,287	1.7	3.86	3.83	—	—
WEST NORTH CENTRAL									
NORTHERN CFCFLP									
UPPER MIDWEST	13,188	166-	540,755	539,087	.3	3.85	3.75	1,367	1,246
EASTERN SOUTHERN COKOTA	465	12-	21,142	21,257	1.0-	3.80	3.75	1,520	1,527
BLACK HILLS	95	2-	6,168	5,464	14.1	3.87	3.83	2,200	2,174
ICWA	3,186	56	134,880	129,363	4.2	3.84	3.84	1,426	1,292
NEBRASKA - WESTERN ICWA	1,806	268	94,562	79,260	19.3	3.85	3.85	1,776	1,752
AVERAGE OR TOTAL 1/	15,554	88	662,665	645,128	2.7	3.88	3.76	—	—

CONTINUED

TABLE 4.-NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, NOVEMBER -CON.

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERfat PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	ACV 1978	CHANGE FROM ACV 1977	ACV 1978	ACV 1977	CHANGE FROM NOV 1977	ACV 1978	ACV 1977	ACV 1978	ACV 1977
	NUMBER		1,000 LBS.	PERCENT		PERCENT		FEUNDS	
WEST NCFTH CENTRAL -CON.									
SOUTHERN CFCFLF									
ST. LOIIS - CARKS	3,232	150	155,311	142,214	9.1	3.75	3.75	1,602	1,539
GREATER KANSAS CITY	1,328	124-	65,571	66,555	1.5-	3.82	3.80	1,704	1,607
NEOSHIC VALLEY	27	42-	502	766	14.6	3.54	3.78	1,405	1,620
WICHITA	443	26-	21,856	21,844	0	3.85	3.81	2,122	2,005
AVERAGE OR TOTAL 1/	5,030	42-	243,640	221,539	5.2	3.80	3.75		
EAST SCLTH CENTRAL									
PACIFIC	202	26-	9,140	10,295	11.2-	3.86	3.92	1,508	1,506
NASHVILLE	730	86-	36,831	41,522	12.1-	3.73	3.83	1,682	1,712
MEMPHIS	522	16-	24,150	22,646	6.6	3.76	3.83	2,133	2,195
TENNESSEE VALLEY	1,674	29-	83,524	90,886	8.0-	3.86	3.87	1,662	1,777
AVERAGE OR TOTAL 1/	3,128	157-	153,655	165,677	7.2-	3.78	3.86		
WEST SCLTH CENTRAL									
NORTHERN CFCFLF									
CENTRAL ARKANSAS-FORT SMITH 2/	766	39	25,911	20,137	.7-	3.66	3.67	1,895	1,717
OKLAHOMA METROPOLITAN	1,231	31-	59,476	60,265	1.3-	3.76	3.73	2,103	2,014
RED RIVER VALLEY	161	70-	9,052	9,616	7.7-	3.67	3.70	2,153	1,958
TEXAS FANFARE	156	6	7,327	7,405	1.0-	3.65	3.62	2,586	2,876
LLBEECH - FLAINVIEW	66	7-	5,875	6,250	6.6-	3.71	3.57	5,644	5,362
AVERAGE OR TOTAL 1/	2,374	63-	111,625	113,967	2.0-	3.72	3.70		
SOUTHERN CFCFLF									
GREATER LOUISIANA	710	188-	47,015	49,620	5.2-	3.78	3.85	2,207	1,842
NEW ORLEANS-MISSISSIPPI	1,658	25-	81,652	79,552	2.7	3.77	3.88	1,642	1,576
TEXAS	3,145	389-	283,476	280,659	1.0-	3.70	3.72	3,005	2,646
AVERAGE OR TOTAL 1/	5,513	602-	412,187	405,871	.6	3.72	3.77		
MOUNTAIN									
EASTERN COLORADO	900	133-	73,059	69,076	5.8	3.71	3.71	2,707	2,229
GREAT EASIN	723	34-	59,162	55,625	.2	3.71	3.69	2,726	2,595
WESTERN COLORADO	52	6-	5,620	5,307	5.9	3.74	3.77	3,535	2,998
CENTRAL ARIZONA	154	3-	68,512	66,748	.3-	3.65	3.74	15,585	15,324
RIO GRANDE VALLEY	193	2	39,880	34,722	14.8	3.58	3.63	10,045	9,012
LAKE MEAD	49	8	10,434	11,062	5.6-	3.41	3.42	7,096	9,011
AVERAGE OR TOTAL 1/	2,072	166-	256,707	247,562	3.5	3.67	3.69		
PACIFIC									
PLGET SCLNC	1,205	29-	137,545	121,845	4.6	3.84	3.84	3,816	3,561
INLAND EMPIRE	302	40-	23,212	25,666	10.3-	3.88	3.90	2,554	2,514
OREGON - WASHINGTON	574	10-	113,032	108,666	4.6	3.93	3.92	3,866	3,681
AVERAGE OR TOTAL 1/	2,492	79-	274,185	266,373	2.9	3.88	3.88		
46-MARKET AVG. OR TOTAL 1/	114,669	4,690-	5,880,327	5,873,710	.1	3.75	3.77	1,705	1,640
ALL-MARKET AVG. OR TOTAL	117,855	4,634-	6,015,267	6,003,673	.2	3.75	3.77	1,701	1,634

1/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa.

2/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 5-PRODUCER MILK DELIVERIES USED IN CLASS I AND ERCS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, NOVEMBER

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I				% LSEC IN CL. I		ERCS CLASS I		DELIVERIES	
	NOV 1978	NOV 1977	CHANGE FRM NOV 1977	NOV 1978			NOV 1978	CHANGE FRM NOV 1977	AS % OF GR. CL. I	
	1,000 POUNDS	PERCENT	PERCENT	1,000 LBS	PERCENT	1,000 ACV	1978 ACV	PERCENT	1,000 ACV	1978 ACV
NEW ENGLAND										
NEW ENGLAND	251,574	250,759	0.3	65	64	252,070	64	.4	152	156
AVERAGE OR TOTAL 1/	251,574	250,759	.3	65	64	---	---	---	---	---
MIDDLE ATLANTIC										
NEW YORK-NEW JERSEY	409,954	387,774	5.7	55	53	405,954	55	5.7	183	189
MIDDLE ATLANTIC	247,895	278,581	11.1-	55	60	260,307	52	12.2-	162	156
AVERAGE OR TOTAL 1/	657,849	666,755	1.3-	56	56	---	---	---	---	---
SOUTH ATLANTIC										
TAMPA BAY	38,967	37,721	3.3	56	52	45,431	59	55	95	94
SOUTHEASTERN FLORIDA	58,083	59,540	1.8-	52	52	68,103	41	54	100	100
UPPER FLORIDA	53,064	49,309	7.6	55	95	60,026	61	53	52	52
GEORGIA	110,115	102,007	7.5	62	62	111,152	41	121	117	117
AVERAGE OR TOTAL 1/	261,029	248,577	4.8	68	68	---	---	---	---	---
EAST NORTH CENTRAL										
EASTERN CFCFLP										
SOUTHEASTERN MICHIGAN	199,921	194,620	2.7	66	56	155,755	24	168	171	171
EASTERN CFC-WESTERN PA.	176,645	178,575	1.1-	65	66	176,968	1.2-	145	146	146
OHIO VALLEY	158,405	177,444	10.7-	66	66	172,724	5.6-	135	136	136
AVERAGE OR TOTAL 1/	534,971	550,639	2.8-	65	64	---	---	---	---	---
WESTERN CFCFLP										
MICHIGAN LOWER PENINSULA	4,169	4,141	.7	61	64	5,015	13.6	136	146	146
CHICAGO REGIONAL	258,091	264,392	2.4-	34	36	255,307	2.5-	252	280	280
LESVILLE-LEXINGTON-EVANSVILLE	59,130	64,898	8.9-	66	72	55,720	8.5-	146	137	137
INDIANA	104,607	94,154	11.1	75	72	114,380	12.5	122	127	127
SOUTHEASTERN ILLINOIS	48,706	49,743	2.1-	65	61	51,968	1.1-	144	154	154
CENTRAL ILLINOIS	15,093	14,645	3.0	64	72	16,156	1.7-	146	122	122
AVERAGE OR TOTAL 1/	489,796	491,573	.4-	45	46	---	---	---	---	---
WEST NORTH CENTRAL										
ACCFERN CFCFLP										
UPPER MIDWEST	144,955	137,315	5.6	27	25	145,062	5.6	373	352	352
EASTERN SOUTHERN COKATO	12,147	12,082	.5	57	56	12,156	0	173	175	175
BLACK HILLS	4,324	3,919	10.3	70	72	4,682	16.9	132	125	125
ICWA	65,730	67,593	2.8-	45	52	66,070	3.2-	204	150	150
NEBRASKA - WESTERN ICWA	46,775	47,461	1.4-	45	66	47,564	.8-	155	165	165
AVERAGE OR TOTAL 1/	208,201	200,777	2.7	31	31	---	---	---	---	---

CONTINUED

TABLE 5--FFCCLCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL
TARIERS, NOVEMBER -CON.

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I		GROSS CLASS I		DELIVERIES AS % OF GR. CL. I	
	ACV 1978	NOV 1977	CHANGE FRCM ACV 1977			ACV 1978	CHANGE FRCM ACV 1977	ACV 1978	NOV 1977
	1,000 POUNDS	PERCENT		PERCENT	1,000 LBS	PERCENT	ACV 1978	PERCENT	ACV 1978
WEST NCFTH CENTRAL -CON.									
SOUTHERN CFCFLF									
ST. LOUIS - CARKS	109,083	103,259	5.6	70	72	112,570	3.2	138	130
GREATER KANSAS CITY	41,486	42,845	3.2-	62	64	42,369	3.4-	155	152
NEOSHIC VALLEY	640	724	11.6-	71	92	648	16.0-	135	102
WICHITA	17,264	16,596	1.6	75	78	17,373	4.8-	126	120
AVERAGE OR TOTAL 1/	168,473	163,824	2.8	65	71	---	---	---	---
EAST SCLTH CENTRAL									
SOUTHERN CFCFLF									
PACLCAR	7,336	8,192	10.4-	EC	80	7,445	9.1-	123	126
NASHVILLE	25,277	27,620	8.5-	65	66	25,323	5.4-	145	150
MEMPHIS	20,653	19,387	6.5	65	86	23,056	10.2-	105	88
TENNESSEE VALLEY	68,348	70,854	3.5-	82	78	68,771	4.7-	121	126
AVERAGE CR TOTAL 1/	121,614	126,053	3.5-	75	76	---	---	---	---
WEST SCLTH CENTRAL									
NORTHERN CFCFLF									
CENTRAL ARKANSAS-FORT SMITH 2/	26,806	27,491	2.5-	50	51	25,822	5.1-	100	92
OKLAHOMA METRCFCFLITAN	46,020	47,653	3.4-	77	79	46,503	6-	123	122
RED RIVER VALLEY	6,313	7,834	19.4-	70	EC	6,313	19.4-	143	125
TEXAS FARMHOUSE	6,454	6,583	2.0-	EE	65	6,454	2.0-	114	112
LIBEOK - FLAIVIEB	5,620	5,844	3.8-	56	52	5,621	3.8-	104	108
AVERAGE CR TOTAL 1/	51,213	55,405	4.4-	E2	84	---	---	---	---
SOUTHERN CFCFLF									
GREATER LCLISIARA	42,462	43,227	1.8-	50	87	43,810	1.7-	107	111
NEW ORLEANS-MISSISSIPPI	64,979	63,428	2.4	EC	EC	66,988	2.0-	122	116
TEXAS	229,911	226,336	1.6	E1	E1	236,007	1.0	123	123
AVERAGE CR TOTAL 1/	337,352	332,991	1.3	E2	E1	---	---	---	---
MOUNTAIN									
EASTERN CCLCRACC	55,223	54,170	1.9	76	78	56,723	3.4	124	122
GREAT EASIN	39,101	37,743	2.6	66	64	46,435	4.3	146	152
WESTERN CCLCRACC	5,412	4,631	16.9	56	87	5,673	18.2	55	110
CENTRAL ARIZCNA	48,754	47,428	2.8	71	65	46,154	2.8	148	145
RIC GRANDE VALLEY	29,539	28,473	5.1	75	82	25,561	4.6	133	121
LAKE MEAD	8,408	7,595	10.7	EC	66	6,522	11.9	122	145
AVERAGE CR TOTAL 1/	186,837	180,040	3.8	72	73	---	---	---	---
PACIFIC									
PLGET SCLNC	65,708	61,217	7.3	4E	46	65,354	8.3	155	206
INLAND EMPIRE	14,223	14,478	1.8-	E1	56	14,347	1.8-	162	177
OREGON - WASHINGTON	72,042	70,134	2.7	64	64	76,056	3.3	149	148
AVERAGE CR TOTAL 1/	151,973	145,829	4.2	55	55	---	---	---	---
46-MARKET AVG. CR TOTAL 1/									
3,460,882	3,454,022	.2	55	55	---	---	---	---	---
ALL-MARKET AVG. CR TOTAL									
3,526,612	3,521,615	.1	55	55	---	---	---	---	---

1/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa.

2/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

Table 6.—Producer milk deliveries used in Class II by handlers regulated under those Federal orders which have three classes of utilization, November and year to date with comparisons 1/

Marketing area	Producer deliveries:			% Used		Producer deliveries:			% Used	
	used in Class II		in Cl. II	used in Class II		in Cl. II		in Cl. II		
	Nov.	Nov.	Nov.	Nov.	Cum.*	Cum.*	Cum.*	Cum.*	Cum.*	Cum.*
	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977
	<u>1,000 lb.</u>		<u>Percent</u>		<u>1,000 lb.</u>		<u>Percent</u>			
SOUTH ATLANTIC	:									
Georgia	:	8,369	10,332	:	6.2	8.3	:	116,427	98,291	:
EAST NORTH CENTRAL	:									
Eastern Group	:									
Southern Michigan	:	24,069	25,237	:	7.2	7.6	:	280,536	258,123	:
Eastern Ohio-W. Pa.	:	18,004	17,324	:	7.0	6.6	:	210,654	199,707	:
Ohio Valley	:	20,254	23,434	:	8.7	9.0	:	239,796	243,851	:
Western Group	:									
Chicago Regional	:	85,635	92,922	:	11.4	12.5	:	1,048,695	1,066,853	:
Louisville-Lex.-Evans.	:	5,280	5,952	:	6.0	6.7	:	82,286	71,937	:
Indiana	:	16,783	16,095	:	12.0	12.5	:	256,001	250,131	:
Southern Illinois	:	9,115	10,385	:	12.2	12.8	:	112,537	115,622	:
Central Illinois	:	1,120	1,004	:	4.7	5.0	:	16,323	13,040	:
WEST NORTH CENTRAL	:									
Northern Group	:									
Upper Midwest	:	21,777	21,150	:	4.0	3.9	:	264,780	245,360	:
Eastern South Dakota	:	2,408	2,723	:	11.4	12.7	:	33,177	34,186	:
Iowa 2/	:	9,128	9,450	:	6.8	7.3	:	114,536	117,092	:
Nebraska-Western Iowa	:	9,208	9,572	:	9.7	12.1	:	114,232	115,746	:
Southern Group	:									
St. Louis-Ozarks	:	22,731	20,135	:	14.6	14.1	:	253,319	228,918	:
Greater Kansas City	:	8,994	8,890	:	13.7	13.3	:	132,581	138,063	:
Neosho Valley	:	20	28	:	2.2	3.6	:	202	170	:
Wichita	:	3,310	2,473	:	15.1	11.3	:	36,718	29,729	:
EAST SOUTH CENTRAL	:									
Paducah	:	1,224	1,053	:	13.4	10.2	:	12,997	13,011	:
Nashville	:	2,151	2,167	:	5.8	5.2	:	25,463	26,667	:
Memphis	:	2,769	2,511	:	11.4	11.1	:	32,860	30,086	:
Tennessee Valley	:	5,515	10,246	:	6.6	11.3	:	101,250	107,044	:

Continued

Table 6.—Producer milk deliveries used in Class II by handlers regulated under those Federal orders which have three classes of utilization, November and year to date with comparisons 1/—Con.

Marketing area	Producer deliveries		% Used		Producer deliveries		% Used	
	used in Class II		in Cl. II		used in Class II		in Cl. II	
	Nov.	Nov.	Nov.	Nov.	Cum.*	Cum.*	Cum.*	Cum.*
	1978	1977	1978	1977	1978	1977	1978	1977
	1,000 lb.		Percent		1,000 lb.		Percent	
WEST SOUTH CENTRAL	:		:		:		:	
Northern Group	:		:		:		:	
Central Arkansas-	:		:		:		:	
Fort Smith	1,590	981	5.3	3.3	21,737	22,059	6.4	6.3
Oklahoma Metropolitan	9,363	7,393	15.7	12.3	107,911	102,077	14.4	13.3
Red River Valley	2,268	1,295	25.1	13.2	24,519	16,767	23.7	13.8
Texas Panhandle	727	690	9.9	9.3	8,909	7,549	10.5	7.9
Lubbock-Plainview	187	294	3.2	4.7	3,200	2,838	4.9	4.1
Southern Group	:		:		:		:	
Greater Louisiana	1,921	2,343	4.1	4.7	30,383	35,527	5.2	6.2
New Orleans-Mississippi	7,982	7,493	9.8	9.4	100,262	102,656	9.6	10.2
Texas	29,373	30,158	10.4	10.7	366,945	379,117	11.7	12.0
MOUNTAIN	:		:		:		:	
Eastern Colorado	7,395	7,241	10.1	10.5	91,771	82,546	11.4	11.0
Great Basin	2,815	3,834	4.8	6.5	39,202	44,895	5.7	6.3
Central Arizona	9,973	9,536	14.6	13.9	111,827	107,427	14.3	13.6
Rio Grande Valley	5,981	5,403	15.0	15.6	98,906	54,516	22.4	14.1
Lake Mead	625	701	6.0	6.3	7,685	7,133	6.1	5.7
PACIFIC	:		:		:		:	
Puget Sound	16,081	15,624	11.7	11.9	200,455	196,212	12.4	12.7
Inland Empire	1,596	1,783	6.9	6.9	26,204	26,574	9.1	10.2
Oregon-Washington	14,618	13,814	12.9	12.7	180,567	161,702	13.5	12.5
	:		:		:		:	
	:		:		:		:	

* Year to date.

1/ Excludes Southeastern Florida; Class III only applies to the skim milk portion of all milk disposed of for fertilizer or livestock feed or dumped.

2/ The data for January-April 1977 represent the summation of the four orders merged to form Iowa.

2/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 7.-FEDDER MILK DELIVERIES TO HANDLERS REGULATED UNDER FEDERAL ORDERS AND DELIVERIES USED IN CLASS I
JANUARY - NOVEMBER

MARKETING AREA	FEDDER MILK DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I	
	1978	1977	CHANGE	1978	1977	CHANGE	1978	1977
			1978 OVER 1977			1978 OVER 1977		
	1,000 POUNDS	PERCENT		1,000 POUNDS	PERCENT		PERCENT	PERCENT
NEW ENGLAND								
NEW ENGLAND	4,636,178	4,579,555	1.2	2,671,959	2,679,480	0.3-	58	58
TOTAL 1/	4,636,178	4,579,555	1.2	2,671,959	2,679,480	0.3-	58	58
MIDDLE ATLANTIC								
NEW YORK-NEW JERSEY	9,073,147	8,843,886	2.6	4,307,194	4,147,870	3.8	47	47
MIDDLE ATLANTIC	4,969,581	5,187,524	4.2-	2,746,680	2,585,202	8.0-	55	58
TOTAL 1/	14,042,728	14,031,410	.1	7,053,874	7,133,072	1.1-	50	51
SOUTH ATLANTIC								
TAMPA BAY	486,917	491,815	1.0-	442,048	430,148	2.8	91	87
SOUTHEASTERN FLORIDA	714,160	693,142	3.0	661,382	628,257	5.3	93	91
UPPER FLORIDA	621,323	610,520	1.8	583,326	564,930	3.2	94	92
GEORGIA	1,437,537	1,393,732	3.1	1,125,096	1,080,820	3.3	78	78
TOTAL 1/	3,259,937	3,189,209	2.2	2,811,852	2,712,155	3.7	86	85
EAST NORTH CENTRAL								
EASTERN CIRCLE								
SOUTHERN MICHIGAN	3,863,169	3,833,013	.8	2,056,020	2,049,842	2.2	54	53
EASTERN CHICAGO-WESTERN ILL.	3,166,050	3,217,172	1.6-	1,661,902	1,614,220	1.7-	59	60
OHIO VALLEY	2,710,356	2,883,638	6.0-	1,671,897	1,761,287	5.1-	62	61
TOTAL 1/	9,739,575	9,933,823	2.0-	5,349,819	5,725,349	1.3-	58	58
WESTERN CIRCLE								
MICHIGAN-LOWER PENINSULA	80,954	77,024	5.1	46,046	44,580	3.3	57	58
CHICAGO REGIONAL	9,390,600	9,274,817	1.2	2,761,893	2,784,567	.8-	29	30
LSVILLE-LYCSTER-EVANSVILLE	1,057,217	1,103,572	4.2-	645,454	677,262	4.7-	61	61
INDIANA	1,787,182	1,890,971	5.5-	1,222,656	1,239,834	1.4-	68	66
SOUTHERN ILLINOIS	933,372	1,009,108	7.5-	525,752	532,703	1.3-	56	53
CENTRAL ILLINOIS	254,158	237,439	7.0	151,351	147,387	2.7	60	62
TOTAL 1/	13,503,484	13,592,931	.6-	5,353,152	5,426,333	1.3-	40	40
WEST NORTH CENTRAL								
WESTERN CIRCLE								
UPPER MIDWEST	6,698,811	6,410,322	4.5	1,437,122	1,416,733	1.4	21	22
EASTERN SOUTH DAKOTA	256,339	270,344	5.2-	127,101	123,396	3.0	50	46
BLACK HILLS	70,569	67,781	4.1	42,741	34,732	23.0	60	51
ICWA 2/	1,694,551	1,547,564	9.5	704,493	681,422	3.4	42	44
NEBRASKA - WESTERN ICWA	977,435	1,008,245	2.0-	488,881	500,326	2.3-	50	50
TOTAL 1/	8,003,154	7,756,692	3.2	2,055,845	2,075,181	1.0	26	27

CONTINUED

TABLE 7--PRODUCER MILK DELIVERIES TO HANDLERS REGULATED UNDER FEDERAL ORDERS AND DELIVERIES USED IN CLASS I
JANUARY - NOVEMBER -CON.

MARKETING AREA	PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I	
	1978	1977	CHANGE 1978 OVER 1977	1978	1977	CHANGE 1978 OVER 1977	1978	1977
			1,000 POUNDS			1,000 POUNDS		
WEST NORTH CENTRAL								
SOUTHERN CIRCLE								
ST. LOIIS - CZARKS	1,687,526	1,656,639	1.9	1,155,024	1,105,602	4.5	68	67
GREATER KANSAS CITY	787,905	900,194	12.5-	442,960	485,888	4.9-	56	52
NECOSH VALLEY	8,069	6,115	31.5	6,802	5,576	22.0	84	91
WICHITA	284,514	313,113	9.1-	187,134	187,265	.1-	66	60
TOTAL 1/	2,768,014	2,876,065	3.8-	1,751,920	1,764,335	1.6	65	61
EAST SOUTHERN								
PACIFIC	103,231	110,493	6.5-	61,517	86,697	6.0-	79	78
NASHVILLE	456,735	542,141	15.8-	273,222	300,786	9.2-	60	55
MEMPHIS	276,922	283,631	2.4-	221,045	238,807	3.2-	83	84
TENNESSEE VALLEY	1,013,382	1,064,061	4.8-	772,426	788,883	2.0-	76	74
TOTAL 1/	1,850,270	2,000,326	7.5-	1,359,222	1,415,173	4.0-	73	71
WEST SOUTHERN								
NORTHERN CIRCLE								
CENTRAL ARKANSAS-FORT SMITH 2/	338,161	348,079	2.6-	257,173	253,335	1.3	88	84
OKLAHOMA METROPOLITAN	748,735	766,883	2.4-	500,069	497,980	.4	67	65
RED RIVER VALLEY	103,446	121,505	14.5-	71,425	85,401	16.3-	69	70
TEXAS PANHANDLE	84,551	96,037	12.6-	71,101	69,667	2.0	84	72
LLANO - FLATVIEW	64,688	69,440	6.8-	58,502	59,565	1.8-	90	86
TOTAL 1/	1,339,581	1,401,944	4.4-	998,304	1,005,952	.6-	74	72
SOUTHERN CIRCLE								
CREATOR LOUISIANA	589,760	572,004	2.1	488,970	483,242	1.2	83	84
NEW ORLEANS-MISSISSIPPI	1,044,528	1,010,649	3.4	729,849	724,385	.8	70	72
TEXAS	3,125,531	3,166,375	1.3-	2,422,816	2,376,423	2.0	78	75
TOTAL 1/	4,759,819	4,749,028	.2	3,641,635	3,584,054	1.6	76	75
MOUNTAIN								
EASTERN COLORADO	805,062	750,015	7.3	577,571	553,008	4.4	72	74
GREAT EASIN	686,058	707,888	3.1-	402,922	386,026	4.4	59	54
WESTERN COLORADO	65,159	67,003	2.6-	56,753	49,762	14.0	87	74
CENTRAL ARIZONA	783,852	791,546	1.0-	518,152	489,198	5.9	66	62
RIO GRANDE VALLEY	441,808	385,733	14.5	314,857	301,763	4.3	71	78
LAKE MEAD	126,111	124,299	1.4	92,735	84,605	9.6	74	68
TOTAL 1/	2,908,650	2,826,584	2.9	1,562,994	1,664,366	5.3	68	66
PACIFIC								
PACIFIC SCLNC	1,613,737	1,539,503	4.8	667,824	627,604	6.4	41	41
INLAND EMPIRE	287,773	260,577	10.3	148,631	128,232	15.9	52	49
OREGON - WASHINGTON	1,336,511	1,295,197	3.2	757,205	724,452	4.5	57	56
TOTAL 1/	3,238,421	3,095,677	4.6	1,573,660	1,480,288	6.3	48	48
46-MARKET TOTAL 1/	70,049,311	70,033,244	0	36,564,236	36,665,738	.3	53	53
ALL-MARKET TOTAL	71,743,862	71,580,808	.2	37,668,725	37,547,160	.3	52	52

1/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa.

2/ Data for January-April 1977 represent the summation of the four orders merged to form Iowa.

3/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 8.—WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, OCTOBER 1978 WITH COMPARISONS 1/

MARKETING AREA	WHOLE MILK ITEMS 2/			LOWFAT AND SKIM MILK ITEMS 3/			TOTAL		
	OCTOBER 1978		CHANGE 1978 FROM 1977	OCTOBER 1978		CHANGE 1978 FROM 1977	OCTOBER 1978		CHANGE 1978 FROM 1977
	SALES	BUTTER-FAT CONTENT	YEAR TC DATE	SALES	BUTTER-FAT CONTENT	YEAR TO OCT DATE	SALES	BUTTER-FAT CONTENT	YEAR TO DATE
	MILL. LB.	PERCENT	MILL. LB.	PERCENT	MILL. LB.	PERCENT	MILL. LB.	PERCENT	PERCENT
NEW ENGLAND	194.4	3.37	— 1.2 —	2.8	56.8	0.98	5.4	8.4	251.2
NEW ENGLAND	194.4	3.37	— 1.2 —	2.8	56.8	0.98	5.4	8.4	251.2
MIDDLE ATLANTIC	171.8	3.31	— 3.4 —	—	75.4	1.29	5.8	5.2	247.2
MIDDLE ATLANTIC	171.8	3.31	— 3.4 —	—	75.4	1.29	5.8	5.2	247.2
SOUTH ATLANTIC	167.4	3.30	— 6 —	4	83.3	1.21	3.9	4.8	250.7
TAMPA BAY	31.3	3.27	— 1.0 —	2	14.6	1.09	11.8	9.3	46.0
SOUTHEASTERN FLORIDA	41.5	3.32	— 2.9 —	4	18.4	1.30	3.1	7.4	59.9
UPPER FLORIDA	38.4	3.26	— 9 —	2.5	16.2	1.18	8.2	10.2	54.5
GEORGIA	56.2	3.31	— 5 —	8	34.1	1.23	—	5.6	90.3
EAST NORTH CENTRAL	606.4	3.28	— 4.7 —	4.1	428.6	1.58	3.9	3.8	1,034.9
EASTERN GROUP	124.9	3.23	— 4.8 —	3.0	65.2	1.00	1.0	2.3	190.2
SOUTHERN MICHIGAN	125.6	3.29	— 3.5 —	5.2	56.3	1.72	5.5	5.0	181.9
E. OHIO - W. PA.	104.0	3.26	— 4.6 —	3.7	71.8	1.66	4.2	2.8	175.8
OHIO VALLEY	104.0	3.26	— 4.6 —	3.7	71.8	1.66	4.2	2.8	175.8
WESTERN GROUP	4.5	3.32	— 5.4 —	3.9	4.1	1.74	10.5	13.1	8.6
MICH. UPPER PENINSULA	134.0	3.31	— 4.2 —	4.4	114.9	1.64	5.3	5.6	248.9
CHICAGO REGIONAL	29.8	3.30	— 7.9 —	—	48.1	1.73	4.7	4.4	57.9
LOUIS. - LEX. - EVANS	49.9	3.31	— 6.6 —	4.7	54.9	1.73	2.6	2.5	104.7
INDIANA	23.5	3.26	— 3.8 —	1	22.5	1.72	4	9	46.0
SOUTHERN ILLINOIS	10.2	3.27	— 4.5 —	7.2	10.7	1.68	7.8	3.3	20.9
CENTRAL ILLINOIS	150.8	3.30	— 5.1 —	5.2	219.1	1.57	4.4	3.3	369.9
WEST NORTH CENTRAL	150.8	3.30	— 5.1 —	5.2	219.1	1.57	4.4	3.3	369.9
NORTHERN GROUP	33.6	3.29	— 7.0 —	—	7.3	89.5	1.50	4.7	123.1
UPPER MIDWEST	3.5	3.28	— 5.6 —	—	3.4	6.2	3.3	5.7	9.7
EASTERN SOUTH DAKOTA	1.3	3.33	— 2.6 —	1.6	1.7	1.87	4.1	5.7	3.0
BLACK HILLS	22.5	3.40	— 5.2 —	4.8	39.6	1.70	3.2	5.4	62.1
NEBRASKA - WESTERN IOWA	21.5	3.33	— 4.8 —	3.3	23.1	1.64	4.9	3.8	44.6

CONTINUED

TABLE 8.—WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, OCTOBER 1978 WITH COMPARISONS ^{1/} 1977.

MARKETING AREA	WHOLE MILK ITEMS 2/			LOWFAT AND SKIM MILK ITEMS 3/			TOTAL		
	OCTOBER 1978		CHANGE 1978 FROM 1977	OCTOBER 1978		CHANGE 1978 FROM 1977	OCTOBER 1978		CHANGE 1978 FROM 1977
	SALES	BUTTER-FAT CONTENT	YEAR TO DATE	SALES	BUTTER-FAT CONTENT	YEAR TO DATE	SALES	BUTTER-FAT CONTENT	YEAR TO DATE
	MIL. LB.	PERCENT	MIL. LB.	MIL. LB.	PERCENT	MIL. LB.	MIL. LB.	PERCENT	MIL. LB.
WEST NORTH CENTRAL—CCN ^{4/}									
ST. LOUIS — OZARKS	30.3	3.27	—	6.9	—	7.7	27.4	1.53	6.8
GREATER KANSAS CITY	23.5	3.28	—	2.7	—	2.6	22.0	1.54	—
NEOSHO VALLEY	4.6	3.32	—	*4	—	*4	1.44	3.1	2.4
WICHITA	10.0	3.25	—	*8	—	2.7	7.3	1.51	6.9
EAST SOUTH CENTRAL	74.9	3.34	—	2.6	—	2.6	50.3	1.52	4.4
PADUCAH	5.1	3.26	—	3.8	—	2.7	2.7	1.45	1.9
NASHVILLE	21.4	3.33	—	2.6	—	3.5	11.4	1.52	*4
MEMPHIS	13.2	3.39	—	*9	—	3.5	6.1	1.24	6.7
TENNESSEE VALLEY	35.2	3.34	—	2.9	—	1.7	30.0	1.59	8.3
WEST SOUTH CENTRAL	316.2	3.41	—	*4	—	*8	98.8	1.36	*7
NORTHERN GROUP									
CENTRAL ARKANSAS	14.5	3.40	—	2.2	—	6.0	6.8	1.59	11.0
FORT SMITH	1.5	3.28	—	6.7	—	*7	*8	1.50	52.9
OKLAHOMA METROPOLITAN	25.2	3.31	—	6.3	—	2.0	9.2	1.48	—
RED RIVER VALLEY	9.4	3.36	—	6.1	—	3.6	1.9	1.24	4.0
TEXAS PANHANDLE	6.2	3.39	—	*1	—	*2	1.4	1.4	6.2
LUBBOCK — PLAINVIEW	4.7	3.40	—	2.1	—	5.6	1.6	1.45	8.4
SOUTHERN GROUP									
GREATER LOUISIANA	40.3	3.57	—	2.9	—	*4	11.1	1.61	4.7
NEW ORLEANS — MISS.	50.6	3.57	—	6.9	—	2.9	14.3	1.38	2.0
TEXAS	163.7	3.35	—	2.2	—	2.7	51.6	1.24	—
MOUNTAIN	108.8	3.38	4.1	3.0			83.2	1.71	8.0
EASTERN COLORADO	27.7	3.34	6.4	3.5			26.4	1.78	7.6
GREAT BASIN	14.8	3.29	*7	1.9			23.3	1.86	6.0
WESTERN COLORADO	2.6	3.29	14.8	15.4			2.0	1.81	21.1
CENTRAL ARIZONA	29.7	3.50	1.1	2.6			19.9	1.51	10.2
RIO GRANDE VALLEY	26.0	3.38	3.6	—	2	7.5	1.46	5.2	13.8
LAKE MEAD	7.9	3.34	13.9	13.3			4.2	1.94	19.6
PACIFIC	56.9	3.35	—	2.8	—	*7	85.3	1.82	5.5
PUGET SOUND	21.9	3.34	—	*5	—	*9	33.8	1.84	3.3
INLAND EMPIRE	4.4	3.32	—	3.7	—	3.4	9.4	1.79	5.2
OREGON — WASHINGTON	30.5	3.37	—	5.2	—	*2	42.1	1.80	7.4
COMBINED AREAS 4/6)	1,847.4	3.33	—	2.4	—	2.2	1,180.7	1.51	4.3
COMBINED AREAS ADJ. FOR CALENDAR COMPOSITION 4/	1,886.9	—	—	1.8	—	2.1	1,206.4	—	4.7
NEW YORK — NEW JERSEY 5/	—	—	—	—	—	—	—	—	4.14.7

^{1/} In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated.

2/

Plain and flavored whole milk.

3/ Figures adjusted to eliminate variations due to calendar composition. See special article in FMOS — 221, July 1978.

4/ Small amount of sales estimated.

TABLE 9. -- PACKAGED SALES OF INDIVIDUAL WHOLE MILK PRODUCTS AND LOWFAT AND SKIM MILK PRODUCTS IN 46 SELECTED MARKETING AREAS
DEFINED BY FEDERAL MILK ORDERS, JANUARY 1978 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JANUARY				FEBRUARY				MARCH			
	SALES	BF. CON- TENT	CHANGE 1978 FROM 1977	SALES	BF. CON- TENT	CHANGE 1978 FROM 1977	SALES	BF. CON- TENT	MIL. LBS.	MIL. LBS.	PERCENT	PERCENT
			MONTH			MONTH			TO DATE			
	MIL. LBS.	MIL. LBS.	PERCENT	MIL. LBS.	MIL. LBS.	PERCENT	MIL. LBS.	MIL. LBS.	MIL. LBS.	MIL. LBS.	MIL. LBS.	MIL. LBS.
FLUID WHOLE MILK PRODUCTS ^a	1,923	3.34	-1.0	1.0	1,730	3.34	-1.2	1.1	1,900	3.33	-2.6	1.6
WHOLE MILK FLAVORED WHOLE MILK PRODUCTS	1,844	3.34	-0.9	0.9	1,653	3.33	-0.9	0.9	1,817	3.32	-1.9	1.2
	1,79	3.37	-3.2	3.2	77	3.37	-7.1	5.2	84	3.35	-15.4	9.0
FLUID LOWFAT AND SKIM MILK PRODUCTS ^a	1,149	1.51	6.0	6.0	1,059	1.50	6.1	6.0	1,176	1.49	4.6	5.5
2% LOWFAT MILK PRODUCTS 2/	600	1.83	9.9	9.9	545	1.82	9.1	9.5	612	1.81	11.2	10.1
2% LOWFAT MILK - PLAIN 2% LOWFAT MILK - MILK SOLIDS ADDED	277	1.53	2.4	2.4	253	1.54	6.1	4.1	272	1.54	1.4	2.2
SKIM MILK PRODUCTS	66	.25	5.1	5.1	62	.25	2.6	3.9	69	.24	5.5	4.5
SKIM MILK - PLAIN SKIM MILK - MILK SOLIDS ADDED	65	.28	8.6	8.6	62	.29	7.2	7.9	71	.29	7.9	7.9
FLAVORED LOWFAT AND SKIM MILK PRODS	86	1.40	9.4	9.4	87	1.39	5.3	7.3	94	1.37	3.5	3.2
BUTTERMILK	56	1.07	.5	.5	51	1.06	.7	.1	57	1.06	1.5	.6
TOTAL	3,073	2.65	1.5	1.5	2,789	2.64	1.5	1.5	3,076	2.63	0.0	1.0
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	3,139	---	2.0	2.0	2,789	---	1.5	1.7	3,034	---	.6	.9
PRODUCT NAME	APRIL				MAY				JUNE			
FLUID WHOLE MILK PRODUCTS ^a	1,758	3.32	-5.1	2.5	1,825	3.32	-5	1.9	1,679	3.32	-1.6	1.8
WHOLE MILK FLAVORED WHOLE MILK PRODUCTS	1,674	3.32	-5.2	2.2	1,739	3.32	-8	1.6	1,629	3.32	-1.4	1.6
	1,84	3.35	-2.7	7.4	86	3.36	-5.9	7.1	50	3.33	-7.0	7.1
FLUID LOWFAT AND SKIM MILK PRODUCTS ^a	1,104	1.49	3.1	4.9	1,141	1.49	9.2	5.8	1,024	1.49	4.1	5.5
2% LOWFAT MILK PRODUCTS 2/	568	1.81	8.6	9.7	589	1.81	16.1	11.0	558	1.79	13.4	11.3
2% LOWFAT MILK - PLAIN 2% LOWFAT MILK - MILK SOLIDS ADDED	255	1.54	5.7	.2	261	1.54	1.0	.3	236	1.56	8.4	1.1
SKIM MILK PRODUCTS	66	.24	4.7	4.5	69	.24	14.6	6.5	65	.24	7.6	6.7
SKIM MILK - PLAIN SKIM MILK - MILK SOLIDS ADDED	66	.28	7.5	7.8	66	.28	6.6	7.6	60	.28	8.2	7.7
FLAVORED LOWFAT AND SKIM MILK PRODS	95	1.37	11.3	5.2	100	1.37	8.7	5.9	49	1.39	4.5	4.8
BUTTERMILK	54	1.05	5.7	1.9	57	1.05	.3	1.6	56	1.06	.2	1.4
TOTAL	2,862	2.62	-2.1	.2	2,967	2.62	3.7	.9	2,703	2.63	.5	.8
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	2,936	---	2.0	1.2	2,940	---	.6	1.1	2,661	---	.5	.8

TABLE 9.—PACKAGED SALES OF INDIVIDUAL WHOLE MILK PRODUCTS AND LOWFAT AND SKIM MILK PRODUCTS IN 46 SELECTED MARKETING AREAS DEFINED BY FEDERAL MILK CREDITORS, JANUARY 1978 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JULY				AUGUST				SEPTEMBER			
	SALES		BF. CDN- TENT		CHANGE 1978 FRCM 1977		SALES		CHANGE 1978 FROM 1977		SALES	
	MONTH	YEAR	MONTH	YEAR	MONTH	YEAR	MONTH	YEAR	MONTH	YEAR	MONTH	YEAR
	MILLIB.	PERCENT	MILLIB.	PERCENT	MILLIB.	PERCENT	MILLIB.	PERCENT	MILLIB.	PERCENT	MILLIB.	PERCENT
FLUID WHOLE MILK PRODUCTS*	1,667	3.032 -	2.03 -	1.9	1,770	3.031 -	2.03	2.0	1,839	3.032 -	3.03 -	2.02
WHOLE MILK	1,624	3.032 -	2.02 -	1.7	1,718	3.031 -	2.08 -	1.8	1,755	3.032 -	3.0 -	2.0
FLAVORED WHOLE MILK PRODUCTS	44	3.034 -	6.03 -	7.0	52	3.034 -	7.5 -	7.1	84	3.031 -	9.9 -	7.5
FLUID LOWFAT AND SKIM MILK PRODUCTS*	993	1.50	2.05	5.1	1,065	1.51	2.08	4.8	1,166	1.51	3.04	4.7
2% LOWFAT MILK PRODUCTS 2/	536	1.80	8.0	10.9	585	1.80	12.1	11.0	622	1.81	11.02	11.1
2% LOWFAT MILK - PLAIN	243	1.57	1.08	1.2	247	1.56	9.2	2.2	251	1.57	7.7 -	2.9
2% LOWFAT MILK - MILK SOLIDS ADDED												
SKIM MILK PRODUCTS												
SKIM MILK - PLAIN	67	0.28	15.0	7.8	69	0.24	13.2	8.4	74	0.26	16.3	9.4
SKIM MILK - MILK SOLIDS ADDED	54	0.27	20.2	9.4	58	0.29	20.9	10.9	62	0.29	17.8	11.7
FLAVORED LOWFAT AND SKIM MILK PRODS												
BUTTERMILK	38	1.40	9.8	3.7	51	1.42	6	3.3	103	1.41	5	2.9
	55	1.04	2.8	1.6	56	1.17	2.9	1.7	54	1.05	2.3	1.8
TOTAL	2,660	2.64	-	6	2,835	2.63	-	8	3,004	2.62	-	8
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	2,704	-	.5	.7	2,814	-	.7	.5	2,956	-	.9	.3
23 PRODUCT NAME					23 OCTOBER				23 NOVEMBER			
FLUID WHOLE MILK PRODUCTS*	1,847	3.033 -	2.04 -	2.2								
WHOLE MILK	1,760	3.033 -	2.01 -	2.0								
FLAVORED WHOLE MILK PRODUCTS	88	3.034 -	8.3 -	7.6								
FLUID LOWFAT AND SKIM MILK PRODUCTS*	1,181	1.51	4.3	4.6								
2% LOWFAT MILK PRODUCTS 2/	630	1.81	12.8	11.2								
2% LOWFAT MILK - PLAIN	248	1.59	9.3	3.5								
2% LOWFAT MILK - MILK SOLIDS ADDED												
SKIM MILK PRODUCTS												
SKIM MILK - PLAIN	77	0.25	11.8	9.6								
SKIM MILK - MILK SOLIDS ADDED	61	0.29	12.6	11.8								
FLAVORED LOWFAT AND SKIM MILK PRODS	110	1.39	4.7	3.1								
BUTTERMILK	54	1.05	2.1	1.8								
TOTAL	3,028	2.62	.1	.3								
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	3,093	-	.6	.4								

* MAY INCLUDE SMALL AMOUNTS OF MISCELLANEOUS WHOLE MILK AND LOWFAT AND SKIM MILK PRODUCTS.

1/ SEE TABLE 8 FOR 46 MARKETS INCLUDED. EXCLUDES THE NEW YORK-NEW JERSEY MARKET.

2/ INCLUDES 1% LOWFAT MILK PRODUCTS.

3/ FIGURES ARE ADJUSTED TO ELIMINATE VARIATIONS DUE TO CALENDAR COMPOSITION. SEE SPECIAL ARTICLE IN FMCS-221, JULY 1978.

TABLE 10.—PACKAGED SALES OF WHOLE MILK ITEMS, LOWFAT AND SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM ITEMS, AND TOTAL FLUID ITEMS BY HANDLERS REGULATED UNDER FEDERAL MILK CROERS, GROUPED BY REGION, OCTOBER 1978, WITH COMPARISONS 1/

REGION 2/	WHOLE MILK ITEMS 3/		LOWFAT AND SKIM MILK ITEMS 4/		MILK AND CREAM MIXTURES		CREAM ITEMS 5/		TOTAL FLUID ITEMS 6/	
	SALES	BF. CHANGE 1978 FRDM 1977 7/	SALES	BF. CHANGE 1978 COND. FRDM 1977 7/	SALES	BF. CHANGE 1978 COND. FRDM 1977 7/	SALES	BF. CHANGE 1978 COND. FRDM 1977 7/	SALES	BF. CHANGE 1978 COND. FRDM 1977 7/
	MIL. LBS. PERCENT	MIL. LBS. PERCENT	MIL. LBS. PERCENT	MIL. LBS. PERCENT	MIL. LBS. PERCENT	MIL. LBS. PERCENT	MIL. LBS. PERCENT	MIL. LBS. PERCENT	MIL. LBS. PERCENT	MIL. LBS. PERCENT
NEW ENGLAND	194	3.37 - 1.5	58	0.97 5.4	3.0	10.9	12.5	4.1	22.4	5.7
MIDDLE ATLANTIC	169	3.29 - 14.6	76	1.30 - 5.3	1.8	11.0	8.4	1.5	23.6	33.9
SOUTH ATLANTIC	178	3.30 1.9	85	1.22 5.3	1.8	10.6	4.8	0.9	21.6 - 32.5	249
EAST NORTH CENTRAL	609	3.28 - 4.8	431	1.58 3.7	10.0	10.7	3.6	9.6	17.8 - 2.4	1,064
WEST NORTH CENTRAL	187	3.30 2.2	249	1.56 7.2	4.3	11.0	2.5	3.7	22.1 - 3.7	445
EAST SOUTH CENTRAL	78	3.35 - 4.5	48	1.48 3.0	3.1	11.1	72.7	0.5	20.0 - 50.3	128
WEST SOUTH CENTRAL	338	3.41 - 2.6	103	1.36 - 1.6	2.2	11.0	17.1	2.3	21.1 - 8.1	446
MOUNTAIN	106	3.37 4.3	84	1.73 7.3	1.8	10.9	3.2	2.0	22.4 17.8	3.06 - 2.5
PACIFIC	59	3.34 - 2.4	87	1.81 5.4	1.9	11.1	1.6	1.4	24.9 5.0	196
TOTAL OF REGIONS	1,917	3.33 - 3.3	1,221	1.51 3.8	27.1	10.9	5.9	26.0	20.7 - 1.9	3,208
										2.83 - .7

1/ TOTAL PACKAGED DISPOSITION, IN AND OUT OF THE MARKETING AREA, BY REGULATED HANDLERS.

2/ SEE PAGE 7 FOR MARKETS INCLUDED IN EACH REGION. MIDDLE ATLANTIC EXCLUDES NEW YORK-NEW JERSEY. THIS MARKET IS ALSO EXCLUDED FROM THE TOTAL.

3/ PLAIN AND FLAVORED WHOLE MILK.

4/ PLAIN, FORTIFIED, AND FLAVORED SKIM AND LOWFAT MILK, AND BUTTERMILK.

5/ LIGHT, HEAVY, AND SOUR CREAM, AND CREAM DIPS.

6/ INCLUDES YOGURT AND EGgnOG.

7/ PERCENTAGE CHANGES OVER THE PREVIOUS YEAR ARE BASED ON THE SAME NUMBER OF COMPARABLE MARKETS.

TABLE 11.—PACKAGED SALES OF MILK AND CREAM MIXTURES, CREAM PRODUCTS, YOGURT, AND EGGNOG BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, JANUARY 1978 TO DATE, WITH COMPARISONS^{1/}

PRODUCT NAME	JANUARY				FEBRUARY				MARCH			
	SALES	8F. CCN- TENT	CHANGE 1978 FR CM 1977		SALES	8F. CCN- TENT	CHANGE 1978 FR CM 1977		SALES	8F. CCN- TENT	CHANGE 1978 FR CM 1977	
			YEAR	MONTH			MONTH	YEAR			MONTH	TO DATE
			PERCENT	1,000 LBs.			PERCENT	1,000 LBs.			PERCENT	PERCENT
MILK AND CREAM MIXTURES	26,153	11.2	-	2.6	-	2.6	24,728	10.9	-	4.0	28,164	10.8
TOTAL CREAM PRODUCTS	22,641	20.3	-	3.9	-	3.9	23,998	20.7	2.3	-	30,102	21.1
LIGHT CREAM	4,177	18.4	-	1	-	1	4,152	19.4	18.9	8.5	5,071	19.0
HEAVY CREAM	3,928	34.7	-	21.0	-	21.0	4,623	34.8	-	9.1	6,623	34.6
SOUR CREAM	14,536	16.9	-	0.9	-	0.9	15,223	16.8	2.3	1.6	18,408	16.8
YOGURT	15,473	1.9	-	---	-	---	14,994	1.6	---	---	19,467	1.8
EGGNOG	471	27.3	-	---	-	---	33	7.4	---	---	969	6.9
APRIL			MAY				JUNE					
MILK AND CREAM MIXTURES	25,850	10.9	-	7.5	-	4.4	27,780	10.8	-	5	-	3.6
TOTAL CREAM PRODUCTS	24,626	21.1	-	12.9	-	1.7	29,259	21.3	4.1	-	28,253	21.1
LIGHT CREAM	4,446	18.5	-	0	-	6.9	4,925	19.3	3.4	6.1	4,660	19.0
HEAVY CREAM	5,137	34.8	-	23.7	-	10.5	6,620	24.6	1.6	7.8	6,390	34.1
SOUR CREAM	15,043	17.2	-	12.0	-	0.9	17,710	16.9	5.2	0.4	17,203	16.9
YOGURT	18,669	1.9	-	---	-	---	19,507	1.8	---	---	17,539	1.9
EGGNOG	11	5.6	-	---	-	---	10	6.1	---	---	10	5.6

TABLE 11.—PACKAGED SALES OF MILK AND CREAM MIXTURES, CREAM PRODUCTS, YOGURT, AND EGGNOG BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, JANUARY 1978 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JULY			AUGUST			SEPTEMBER			PERCENT								
	SALES		BF. CON- TENT	CHANGE 1978 FROM 1977 2/		SALES	BF. CON- TENT	CHANGE 1978 FROM 1977 2/										
	MONTH	YEAR	MONTH	YEAR	MONTH	YEAR	MONTH	YEAR	MONTH									
	1,000 LB.	PERCENT		1,000 LB.	PERCENT		1,000 LB.	PERCENT										
MILK AND CREAM MIXTURES	27,386	10.9	-	3.5	-	28,063	10.8	-	3.7	26,822	10.9	-	5.3	-	3.9			
TOTAL CREAM PRODUCTS	27,089	21.1	-	2.2	-	1.0	27,686	20.7	-	4.4	-	1.5	24,984	20.7	-	5.0	-	1.8
LIGHT CREAM	4,608	18.9	-	2.2	-	4.0	4,624	18.5	-	6.4	-	2.6	4,400	18.3	-	2.9	-	2.0
HEAVY CREAM	5,850	34.3	-	6.0	-	6.5	5,448	34.7	-	5.6	-	6.4	4,760	34.8	-	6.0	-	6.4
SOUR CREAM	16,630	17.1	-	2.0	-	.3	17,614	17.0	-	3.5	-	.8	15,824	17.1	-	5.3	-	1.3
YOGURT	16,500	1.9	-	-	-	-	17,689	1.8	-	-	-	-	15,456	1.9	-	-	-	-
EGGNOG	2/	8.2	-	-	-	-	20	11.0	-	-	-	-	41	10.4	-	-	-	-
PRODUCT NAME	OCTOBER			NOVEMBER			DECEMBER											
MILK AND CREAM MIXTURES	27,081	10.9	-	5.9	-	4.1												
TOTAL CREAM PRODUCTS	25,991	20.7	-	1.9	-	1.8												
LIGHT CREAM	4,743	19.1	-	.1	-	1.7												
HEAVY CREAM	4,580	35.6	-	9.8	-	6.7												
SOUR CREAM	16,667	17.0	-	.1	-	1.1												
YOGURT	15,823	1.9	-	-	-	-												
EGGNOG	351	6.8	-	-	-	-												

1/ TOTAL PACKAGED DISPOSITION IN AND OUT OF THE MARKETING AREA BY REGULATED HANDLERS. EXCLUDES THE NEW YORK-NEW JERSEY MARKET.

2/ PERCENTAGE CHANGES OVER THE PREVIOUS YEAR ARE BASED ON THE SAME NUMBER OF COMPARABLE MARKETS. DUE TO A CHANGE IN THE REPORTING OF THESE PRODUCTS BETWEEN 1977 and 1978, THESE PERCENTAGE CHANGES MAY BE SOMEWHAT OVERSTATED.

3/ LESS THAN 500 POUNDS.

TABLE 12.—MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, OCTOBER 1977 1/

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	SKIM MILK POWDER	CONDENSED MILK 3/	CLASS II/III MILK SOLIDS USED TC FORTIFY CLASS I	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
<u>MILK, SKIM MILK AND CREAM POUNDS 1,000 LBS.</u>									
NEW ENGLAND AND MIDDLE ATLANTIC									
13,026	102,305	32,087	35,445	62,092	58,466	3,032	24,610	331,063	
2,158	8,288	11,242	871	629	1,558	3,109	8,067	35,922	
35,133	482,724	65,886	112,976	129,668	107,593	8,380	76,411	1,018,772	
28,447	346,538	24,353	40,430	192,321	13,016	2,261	20,818	668,185	
1,612	11,570	9,499	3,969	3,670	3,184	162	5,401	39,667	
3,893	17,302	22,279	19,875	1,587	10,329	5,476	20,812	101,553	
2,140	27,853	15,861	20,921	1,588	398	2,614	5,472	76,847	
9,669	48,967	10,555	17,175	50,206	3,695	473	4,242	144,982	
TOTAL OF REGIONS 5/	96,076	1,045,548	191,762	251,662	441,761	198,239	26,108	165,833	2,416,989
<u>BUTTERFAT POUNDS 1,000 LBS.</u>									
NEW ENGLAND AND MIDDLE ATLANTIC									
4,333	4,186	5,307	444	54	881	0	1,572	16,778	
780	346	1,955	12	0	12	0	552	3,657	
14,855	19,595	7,647	1,187	216	1,047	0	2,811	47,359	
11,934	13,257	2,902	477	117	134	0	834	29,655	
598	545	858	35	0	120	0	283	2,439	
1,189	553	2,842	207	1	210	0	1,127	6,130	
795	1,104	1,360	181	1	14	0	201	3,656	
3,575	1,947	932	165	19	131	0	213	6,982	
TOTAL OF REGIONS 5/	38,059	41,534	23,804	2,709	408	2,550	0	7,592	116,656

1/ INCLUDES PRODUCER MILK AND SOME OTHER SOURCE MILK USED TO PRODUCE MANUFACTURED DAIRY PRODUCTS IN REGULATED POOL PLANTS AS WELL AS MILK DIVERTED AND SHIPPED TO NON-ORDER PLANTS FOR PROCESSING. SOME DATA ARE PARTIALLY ESTIMATED.

2/ SEE PAGE 7 FOR MARKETS INCLUDED IN EACH REGION. MIDDLE ATLANTIC EXCLUDES NEW YORK-NEW JERSEY. THIS MARKET IS ALSO EXCLUDED FROM THE TOTAL.

3/ INCLUDES CONDENSED SKIM MILK AND CONDENSED WHOLE MILK.

4/ OTHER FACTORY PRODUCTS INCLUDE EVAPORATED WHOLE MILK, SKIM MILK, AND CREAM USED IN FOOD PRODUCTS, WHOLE MILK POWDER, AND AERATED, FROZEN AND PLASTIC CREAM. OTHER USES INCLUDE MILK, SKIM MILK, AND CREAM USED FOR ANIMAL FEED, UNIDENTIFIED PRODUCTS, DUMPED OR SPILLED, AND PLANT LOSS.

5/ TOTALS MAY NOT ADD DUE TO ROUNDING

TABLE 13.—MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, OCTOBER 1978 1/

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	MILK, SKIM MILK, AND CREAM POUNDS			CONDENSED MILK 3/	CLASS II/III MILK SOLIDS USED TO FORTIFY CLASS I	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
				COTTAGE CHEESE	SKIM MILK POWDER	1,000 LBS.				
NEW ENGLAND AND MIDDLE ATLANTIC										
SOUTH ATLANTIC	1,688	10,360	35,145	32,091	36,881	68,258	2,333	23,456	321,648	
EAST NORTH CENTRAL	29,196	560,131	10,554	6,83	585	1,402	2,592	7,763	35,627	
WEST NORTH CENTRAL	26,095	388,073	66,319	118,080	100,049	97,912	6,819	72,111	1,050,618	
EAST SOUTH CENTRAL	1,255	8,899	30,846	41,583	162,717	18,709	2,577	20,196	690,795	
WEST SOUTH CENTRAL	4,108	17,151	8,185	4,559	2,412	3,420	679	5,152	34,561	
MOUNTAIN	2,025	31,424	23,118	21,125	17,308	13,419	5,068	15,151	116,447	
PACIFIC	8,210	58,160	15,801	22,157	4,714	1,293	2,802	4,893	85,108	
TOTAL OF REGIONS 5/	79,698	1,190,562	201,834	259,709	363,330	209,825	23,525	153,697	2,482,180	

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	BUTTERfat POUNDS			CONDENSED MILK 3/	CLASS II/III MILK SOLIDS USED TO FORTIFY CLASS I	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
				COTTAGE CHEESE	SKIM MILK POWDER	1,000 LBS.				
NEW ENGLAND AND MIDDLE ATLANTIC										
SOUTH ATLANTIC	604	377	5,956	398	38	1,072	0	1,476	15,814	
EAST NORTH CENTRAL	12,159	23,395	2,020	7	0	13	0	352	3,374	
WEST NORTH CENTRAL	10,898	14,643	8,099	1,230	173	1,035	0	3,070	49,160	
EAST SOUTH CENTRAL	486	399	14,643	3,358	493	99	192	14	887	
WEST SOUTH CENTRAL	1,552	600	1,018	2,887	40	0	126	0	2,330	
MOUNTAIN	747	1,337	600	2,887	232	12	326	0	735	
PACIFIC	2,942	2,322	1,314	1,068	179	2	39	0	3,846	
TOTAL OF REGIONS 5/	31,836	47,500	25,719	2,746	345	2,943	14	7,277	118,379	

1/ INCLUDES PROCESSED MILK AND SOME OTHER SOURCE MILK USED TO PRODUCE MANUFACTURED DAIRY PRODUCTS IN REGULATED POOL PLANTS AS WELL AS MILK DIVERTED AND SHIPPED TO NON-ORDER PLANTS FOR PROCESSING. SOME DATA ARE PARTIALLY ESTIMATED.

2/ SEE PAGE 7 FOR MARKETS INCLUDED IN EACH REGION. MIDDLE ATLANTIC EXCLUDES NEW YORK-NEW JERSEY. THIS MARKET IS ALSO EXCLUDED FROM THE TOTAL.

3/ INCLUDES CONDENSED SKIM MILK AND CONDENSED WHOLE MILK.

4/ OTHER FACTORY PRODUCTS INCLUDE EVAPORATED WHOLE MILK, MILK, SKIM MILK, AND CREAM USED IN FOOD PRODUCTS, WHOLE MILK POWDER, AND AERATED, FROZEN AND PLASTIC CREAM. OTHER USES INCLUDE MILK, SKIM MILK, AND CREAM USED FOR ANIMAL FEED, UNIDENTIFIED PRODUCTS, DUMPED, OR SPILLED, AND PLANT LOSSES.

5/ TOTALS MAY NOT ADD DUE TO ROUNDING.

Table 14.--Percentage of whole milk equivalent used in the production of manufactured dairy products, in Federal order markets, January 1978 to date, with comparisons 1/

Manufactured dairy products	January	February	March	April	May	June	Percent	
	1978	1977	1978	1977	1978	1977	1978	1977
Butter	35.8	35.8	34.0	34.2	31.5	30.8	30.2	29.1
Cheese	36.5	35.7	37.4	35.7	38.3	36.5	40.2	39.2
Frozen desserts	16.3	17.2	18.4	18.8	19.0	21.2	20.2	19.8
Cottage cheese	1.9	2.1	2.0	2.3	2.1	2.4	1.9	2.2
All other 2/	9.5	9.2	8.2	9.0	9.1	9.1	7.4	8.6
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Manufactured dairy products	July	August	September	October	November	December	Percent	
	1978	1977	1978	1977	1978	1977	1978	1977
Butter	23.0	25.5	21.5	25.3	24.3	28.9	26.9	32.6
Cheese	41.1	38.7	39.1	35.5	38.9	34.9	40.1	35.6
Frozen desserts	24.4	24.5	27.6	27.4	25.3	24.5	21.7	20.4
Cottage cheese	2.1	2.4	2.3	2.5	2.4	2.5	2.3	2.3
All other 2/	9.4	8.9	9.5	9.3	9.1	9.2	9.1	9.1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1/ Data represent whole milk equivalent based on milkfat content. Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to nonorder plants for processing. Some of the data are partially estimated. Excludes New York-New Jersey.
 2/ Milk, skim milk and cream used in other manufactured products, i.e. evaporated milk, condensed milk, whole and skim milk powder, aerated, frozen and plastic cream; and cream and cheese dips; and milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

Table 15.—Federal order base and excess prices for milk of 3.5 percent butterfat content, November 1/

¹ See footnotes on table 2 for location at which price is reported.
² Class I base plan.

Table 16.—Seasonal incentive fund included under various Federal milk orders, November

Marketing area	November		Marketing area	November	
	1978	1977		1978	1977
	Dollars per 100 lb::		Dollars per 100 lb::		Dollars per 100 lb::
Central Illinois	0.33	0.36	New York-New Jersey	0.38	0.26
Eastern Ohio-W. Pa.	.31	.30	Ohio Valley	.27	.26
Indiana 1/	—	.31	Paducah	.51	.49
Louisville-Lexington-			St. Louis-Ozarks	.33	.36
Evansville	.48	.49	Southern Illinois	.39	.38
New England	.28	.25

11/ Seasonal incentive plan has been suspended for the period April through December 1978.

Table 17.—Dairy product prices and manufacturing milk prices January 1978 to date with comparisons

Month	1978	1977	Prices paid for manufacturing grade milk, 3.5% butterfat content		1977
			Minn.-Wis. Manuf. Grade milk 4/	Butter powder "Snubber" 5/	
January	8.91	8.19	8.16	9.33	8.46
February	9.00	8.16	8.31	9.31	8.46
March	9.09	8.31	8.60	9.34	8.53
April	9.24	8.60	8.62	9.65	9.03
May	9.25	8.60	8.62	9.80	9.30
June	9.26	8.60	8.62	9.80	9.30
July	9.33	8.65	8.64	9.84	9.31
August	9.68	8.64	8.74	10.27	9.31
September	9.90	8.74	8.74	10.32	9.32
October	10.18	8.74	8.74	10.41	9.31
November	10.44	8.79	8.79	10.69	9.33
December					9.36

3 / Simple average of hygroscopic and non-hygroscopic plants in Minnesota as reported by E.S.C.S.

Table 18.—U.S. milk prices, U.S. milk feed ratio, and general price measures, January 1978 to date

Month	U.S. milk prices			U.S. milk prices 3.5 percent butterfat basis 1/			U.S. milk prices 3.5 percent butterfat basis 1/		
	All milk	Manufacturing grade milk 2/	Wholesale 2/	All milk	Milk eligible for fluid wholesale 2/	Grade milk market 2/	All milk	Milk eligible for fluid wholesale 2/	Grade milk market 2/
Jan.	13.40	10.20	73	11.47	9.12	78.4	9.29	10.14	9.54
Feb.	13.60	10.20	72	11.64	9.18	78.2	9.25	10.17	9.50
Mar.	13.80	10.20	73	11.81	9.23	77.8	9.24	10.12	9.46
Apr.	14.00	10.10	74	11.98	9.28	76.5	9.30	10.11	9.41
May	14.10	10.00	74	12.07	9.27	77.5	9.37	10.07	9.48
June	14.20	10.00	76	12.16	9.23	75.4	9.38	10.16	9.45
July	14.40	10.50	75	12.16	9.26	77.6	9.53	10.09	9.50
Aug.	14.20	10.50	75	12.16	9.38	75.5	10.46	10.67	9.65
Sept.	14.40	10.90	75	12.33	9.92	80.9	10.77	10.99	9.84
Oct.	14.50	11.30	75	12.44	10.50	83.6	10.99	11.21	10.13
Nov.	14.50	11.60	76	12.44	10.70	81.81	11.18	11.39	10.25
Dec.							9.83	10.04	9.71
Sep. av.							9.54	9.78	9.51

Month	Prices paid by farmers / 10 ³	General price measures										Retail 9/	
		Price received by farmers					Price indexes						
		All farm products	Livestock & products	Dairy products	Parity ratio	Wholesale 8/	All commodities	Dairy products	All items	All food	Dairy products		
1/77	1977	1977	1977	1977	1978	1978	1977	1978	1977	1978	1977	1977	
January	209	198	186	183	185	170	203	192	92	199.9	188.0	178.0	
February	211	200	193	186	196	174	190	91	93	202.7	178.7	178.8	
March	214	202	190	204	171	203	187	93	94	203.8	191.9	180.3	
April	216	204	208	191	209	172	201	187	96	206.4	194.3	184.5	
May	219	204	193	215	176	199	199	185	95	207.9	195.2	181.5	
June	220	204	217	184	219	173	199	186	99	209.4	194.4	174.2	
July	220	203	218	217	179	179	201	189	98	210.6	194.9	175.1	
August	220	201	210	175	217	177	208	193	95	210.4	194.6	170.8	
September	223	201	215	174	226	177	217	199	96	212.3	195.3	192.9	
October	224	201	217	178	232	178	203	97	89	215.0	196.3	197.0	
November	224	202	215	179	228	174	230	103	96	215.7	197.0	199.6	
December	203	181	180	180	205	180	205	205	89	198.2	178.2	175.7	
Average	202	183	175	175	193	175	193	193	91	194.2	173.4	172.2	

Index of Prices Received by Farmers, all farm products, to the Index of Wholesale Prices and Price Index," BLS. The data for 1978 represent the new index for all urban consumers. This index was not available in 1977. 10/ For commodities and services, interest, taxes, and wage rates. 11/ Ratio of the Index of Prices Received by Farmers, all farm products, to the Index of Wholesale Prices and Price Index," BLS. The data for 1978 represent the new index for all urban consumers. This index was not available in 1977. 10/ For commodities and services, interest, taxes, and wage rates. 11/ Ratio of the Index of Prices Received by Farmers, all farm products, to the Index of Wholesale Prices and Price Index," BLS.

Table 19.—Consumer Price Index for all Urban Consumers: Selected dairy products, United States city average, 1978 1/

Month	Fresh whole milk		Butter		Cheese		Ice cream and related products	
	Percent:		Percent:		Percent:		Percent	
	Index 2/ from	Index 2/ from	Index 2/ from	Index 2/ from	Index 3/ from	Index 3/ from	Index 3/ from	Index 3/ from
	1977	1977	1977	1977	1977	1977	1977	1977
January	164.8	1.9	169.6	10.1	100.5	—	99.4	—
February	165.5	2.4	169.3	9.8	101.2	—	100.7	—
March	166.3	3.0	170.3	9.9	101.3	—	100.9	—
April	168.3	4.3	173.3	10.4	102.5	—	102.1	—
May	170.1	5.3	174.4	7.2	103.2	—	104.7	—
June	171.4	5.5	175.8	7.3	104.0	—	104.9	—
July	171.7	6.3	176.5	7.6	104.4	—	104.8	—
August	172.1	5.6	180.7	9.9	104.8	—	105.5	—
September	174.2	7.1	187.0	13.1	106.7	—	106.4	—
October	176.5	8.0	189.3	14.2	107.8	—	108.0	—
November	178.4	8.9	190.7	14.3	109.4	—	109.4	—
December	—	—	—	—	—	—	—	—

1/ "CPI Detailed Report," Bureau of Labor Statistics U.S. Department of Labor. The Consumer Price Index for All Urban Consumers (CPI-U) covers approximately 80 percent of the total noninstitutional civilian population of the United States and is based on data from 85 urban areas. 2/ The standard reference base period for these indexes is 1967=100. 3/ The standard reference base period for these indexes is December 1977=100. For this reason, percent changes from the previous year are not calculable.

Table 20.—Consumer Price Index for All Urban Consumers: Selected areas, all dairy products combined, 1978 1/

Area	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	(1967=100, unless otherwise noted)											
Anchorage, Alas. 2/	—	179.9	180.4	181.6	182.8	182.5	182.8	183.8	185.6	186.0	—	—
Atlanta, Ga.	197.5	198.4	201.7	206.5	212.7	210.5	211.2	212.1	212.7	214.4	—	—
Baltimore, Md.	—	—	—	180.4	181.8	183.4	183.8	184.6	184.4	187.5	—	—
Boston, Mass.	—	—	172.9	172.2	173.0	176.0	178.6	180.0	179.1	182.2	186.0	—
Buffalo, N.Y.	—	—	—	175.7	178.4	178.8	179.7	181.7	183.6	183.9	186.5	—
Chicago, Ill.-NW. Ind.	173.4	173.0	174.0	173.9	178.0	179.1	181.0	182.3	188.8	189.7	—	—
Cincinnati, O.-Ky.-Ind.	—	—	—	186.6	190.2	191.6	190.0	190.8	192.3	201.7	—	—
Cleveland, Ohio	—	—	190.3	192.3	198.2	199.6	198.7	193.8	210.6	202.4	—	—
Dallas, Ft. Worth, Tex.	—	—	179.1	176.0	179.8	180.9	183.8	184.5	187.2	193.6	—	—
Denver, Boulder, Col.	—	—	189.7	189.4	194.8	195.5	194.8	196.8	197.7	198.8	201.8	—
Detroit, Mich.	176.0	177.8	177.3	184.5	186.9	186.9	186.8	186.6	194.4	199.5	—	—
Honolulu, Hawaii	191.5	192.3	199.8	201.9	202.1	204.6	205.0	203.5	206.2	207.8	—	—
Houston, Texas	—	—	—	—	—	200.1	201.0	199.9	200.4	203.0	204.4	—
Kansas City, Mo.-Kans.	191.1	192.8	194.0	195.1	198.2	198.5	201.0	201.2	206.9	211.0	—	—
LA-L. Beach, Ana., Ca.	165.5	164.6	164.8	166.7	168.2	170.9	169.6	171.7	172.7	172.9	—	—
Miami, Fla. 3/	100.9	100.5	101.1	101.1	103.2	102.6	103.3	105.6	107.5	108.6	—	—
Milwaukee, Wis.	182.9	180.0	182.0	181.8	187.5	189.2	186.7	190.8	197.2	196.6	—	—
Mpls.-St. Paul, Minn.-W.	—	—	—	—	195.0	197.6	200.5	200.7	203.8	212.0	—	—
New York, N.Y.-NE N.J.	181.0	182.9	182.3	184.7	185.3	186.6	187.5	187.3	187.5	191.1	—	—
Northeastern Pa.	174.3	175.1	175.0	175.8	175.9	178.7	181.3	182.5	183.3	186.4	—	—
Philadelphia, Pa.-N.J.	184.6	185.4	186.9	187.5	189.8	191.6	189.7	190.1	193.7	194.5	—	—
Pittsburgh, Pa.	—	—	—	—	177.2	177.5	177.3	175.5	178.9	186.2	—	—
Portland, Oreg.-Wash.	—	—	161.8	162.8	165.6	166.8	167.1	166.1	167.9	169.6	172.8	—
St. Louis, Mo.-Ill.	—	—	—	193.9	196.9	197.7	200.6	198.2	202.8	201.2	—	—
San Diego, Calif.	166.1	166.9	166.8	167.2	168.1	170.8	171.8	171.7	173.9	173.6	—	—
San Fran.-Oak., Calif.	169.8	170.4	171.4	173.0	173.7	173.2	173.5	175.1	176.6	177.0	—	—
Seattle, Everett, Wash.	171.0	173.9	176.8	178.5	179.6	179.2	170.1	170.3	173.3	176.8	—	—
Wash., D.C.-Md.-Va.	163.7	167.2	168.2	170.7	170.3	175.3	175.1	176.0	175.5	178.7	—	—

1/ "CPI Detailed Report," Bureau of Labor Statistics, U.S. Department of Labor. The Consumer Price Index for All Urban Consumers (CPI-U) covers approximately 80 percent of the total noninstitutional civilian population of the United States and is based on data from 85 urban areas. 2/ The standard reference base period for this area is October 1967=100. 3/ The standard reference base period for this area is November 1977 = 100.

Table 21.--U.S. production, January 1978 to date, with comparisons

Month	Milk 1/		Butter 2/		Total Cheese		Nonfat dry milk 2/		Frozen desserts	
	1978* : 1977**		1978* : 1977**		1978* : 1977**		1978* : 1977**		1978* : 1977**	
	Bil. lb.		Mil. lb.		Mil. lb.		Mil. lb.		Mil. gals.	
Jan.	10.0	9.9	108.3	105.5	274.0	265.6	79.7	70.3	69.5	69.0
Feb.	9.3	9.3	95.7	95.4	260.6	252.5	70.6	71.7	75.5	75.3
Mar.	10.5	10.6	97.7	98.4	311.8	299.7	84.4	88.0	98.6	101.8
Apr.	10.7	10.7	98.5	99.9	306.2	304.6	96.4	105.9	95.2	98.0
May	11.2	11.4	96.7	103.2	328.7	326.0	103.0	119.8	108.2	106.1
June	10.9	11.0	84.7	93.0	332.9	315.9	113.5	130.2	126.0	123.2
July	10.6	10.7	73.7	81.8	297.0	280.1	98.2	123.2	119.4	118.9
Aug.	10.3	10.4	64.2	77.8	284.6	275.6	78.6	106.0	123.1	121.3
Sept.	9.7	9.9	64.5	75.0	264.9	251.7	59.1	77.6	103.1	102.1
Oct.	9.8	9.8	71.1	84.5	279.4	256.8	49.0	70.4	90.6	83.7
Nov.	9.4	9.4	66.7	81.5	276.3	247.7	41.9	65.1	79.2	76.4
Dec.		9.8		89.5		281.6		78.0		71.7
Year to date 3/	112.5	123.0	921.8	1,085.6	3,216.5	3,357.9	874.4	1,106.0	1,088.6	1,147.4

* Preliminary.

** Partially revised.

1/ "Milk Production," ESCS.

2/ "Dairy Products," ESCS. Frozen desserts include ice cream, ice milk, and sherbert.

3/ May not add due to rounding.

Table 22.--Commercial and government storage holdings, January 1978 to date, with comparisons

Storage Holdings 1/												
Month	Butter 2/				Total Cheese 2/				Nonfat dry milk 2/			
	Total 3/				Total 3/				Total 3/			
	Commer-	Gov't	Commer-	Gov't	Commer-	Gov't	1978*	1978*	Commer-	Gov't	1978*	1977**
Jan.	55.8	142.9	198.7	67.7	422.1	38.1	460.2	485.7	61.4	628.0	689.4	461.6
Feb.	57.6	158.4	215.9	94.2	405.6	37.0	442.6	471.2	55.2	626.2	681.4	469.5
Mar.	45.4	190.2	235.6	106.3	399.7	31.4	431.0	485.8	49.8	612.3	662.1	465.4
Apr.	49.0	196.6	245.6	128.2	421.9	26.3	448.2	510.3	79.1	607.4	686.5	520.9
May	52.3	212.3	264.6	163.8	440.6	21.7	462.3	557.2	86.8	600.9	687.7	538.8
June	40.3	240.6	280.9	197.1	480.1	21.0	501.1	583.7	94.7	607.0	701.6	579.2
July	42.0	270.6	312.7	209.0	480.8	20.8	501.6	592.9	95.0	618.7	713.6	619.5
Aug.	37.2	245.2	282.4	208.6	474.5	16.6	491.1	592.9	74.9	626.8	701.7	653.2
Sept.	28.1	238.5	266.6	203.3	461.7	14.1	475.8	553.9	64.1	617.4	681.5	685.9
Oct.	26.0	225.8	251.8	195.4	444.1	10.8	455.0	502.8	54.7	584.9	639.5	689.5
Nov.	22.5	207.6	230.1	193.4	421.6	9.3	430.9	479.8	36.3	565.1	601.4	673.9
Dec.				184.9				468.6				677.9

* Preliminary.

** Based on partially revised data.

1/ End of month.

2/ "Cold Storage Reports," ESCS.

3/ May not add due to rounding.

4/ "Dairy Products," ESCS.

5/ "Summary of Processed Commodities in store," ASCS.

Table 23.--U.S.D.A. purchases (Delivery basis), January 1978 to date with comparisons

Month	Butter 1/	American cheese	Nonfat dry milk	Milk equivalent of net U.S.D.A. purchases 2/
1978	1977	1977	1978	1977
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
Jan.	25,994	32,412	1,446	17,849
Feb.	26,678	31,414	1,593	23,275
Mar.	2,128	11,599	244	17,755
Apr.	24,367	25,880	1,867	6,584
May	34,616	43,664	6,348	13,986
June	20,595	35,057	13,575	23,167
July	173	15,988	13,554	16,829
Aug.	0	13,318	5,712	23,999
Sept.	0	0	0	2,891
Oct.	0	6,972	0	1,409
Nov.	0	5,448	0	380
Dec.		260		350
Year to date	134,551	222,011	3/44,339	4/148,474

1/	"Dairy Price Support Activity Report," ASCS.
2/	U.S.D.A. purchases (Delivery basis) of butter, cheese, and evaporated milk, minus U.S.D.A. domestic sales for unrestricted use of butter and cheese; includes purchases under price support, Section 709, Section 32, and Section 4A programs.
3/	Includes 10,787 thousand pounds purchased in 500-pounds barrels, and 30,474 thousand pounds purchased as processed cheese.
4/	Includes 21,905 thousand pounds purchased in 500-pounds barrels, and 68,779 thousand pounds purchased as processed cheese.
5/	Includes 349 million pounds (milk equivalent) of evaporated.
6/	Includes 342 million pounds (milk equivalent) of evaporated.

Lowfat Milk Sales in Federal Milk Order Markets*

During 1977, sales of lowfat and skim milk products in 47 Federal milk order marketing areas totaled nearly 13.6 billion pounds or 1.6 billion gallons. This sales volume, which represented more than 73 percent of all the lowfat and skim milk consumed in the United States, was 7 percent greater than comparable sales in the previous year. By way of comparison, sales of whole milk products were off more than 3 percent from 1976, while total sales of fluid milk were virtually unchanged.

During the first ten months of 1978, the demand for lowfat and skim milk products again has been substantial. Over this period, the sales of these items in 46 Federal milk order marketing areas have increased 4.6 percent. In order to present a clearer picture of this bright spot in the consumption of fluid milk products, a survey was made of lowfat milk sales in Federal order markets. Some highlights of this survey are:

(1) Although as a group, sales of lowfat and skim milk products have increased, not all of the items within the group showed the same type or size of change. During January-October 1978, sales of plain lowfat milk (two percent and one percent) and plain skim milk increased 11.1 percent while sales of like products with solids added decreased 5.3 percent. Over these ten months, sales of plain one percent lowfat milk increased over 30 percent, flavored milk drink sales increased 3.1 percent, and buttermilk sales decreased 1.8 percent. (See table 9 on pages 22 and 23.)

(2) Sales of lowfat and skim milk items now represent over 38 percent of total fluid milk sales, up from 36.7 percent in 1977. Ten years ago, such products accounted for 17.1 percent of the total; in 1962 the comparable figure was 8.9 percent. (See table 1 on page 37.)

(3) So far, during 1978, the butterfat content of total fluid milk items sold in Federal milk order marketing areas is 2.63 percent. This represents a drop from last year's 2.66 percent and continues a trend that has existed for over 25 years, of less and less butterfat being disposed in these products. If the sales of whole milk items and lowfat and skim milk items during 1977 had contained the same butterfat content as in 1962, approximately 270 million more pounds of butterfat would have been sold in these products. (See table 1 on page 37.)

(4) In most markets, combined sales of lowfat and skim milk products as a percentage of the total have shown significant increases over the past six years. In July 1972, sales of lowfat and skim milk products comprised 25 percent or more of the total sales of fluid milk items in 22 markets. By July 1978, this relationship existed in 37 markets. In nine markets, sales of lowfat and skim milk items in July 1978 were larger than sales of whole milk items; six years earlier this was the situation in only three markets. (See table 2 on page 38.)

(5) Much of the increase in the sales of lowfat and skim milk products can be attributed to an increase in the sales of two percent and one percent lowfat milk. In July 1978, sales of these items accounted for 26.9 percent of the total sales of fluid milk items, and 77.1 percent of the combined sales of lowfat and skim milk products. In July 1972, such sales represented 16.7 and 67.6 percent, respectively. Of the 10.4 percent increase from July 1972 to July 1978 in the proportion of total sales accounted for by lowfat and skim milk items, 98.1 percent was due to increased sales of lowfat milk products. In seven markets, sales of

lowfat milk products were larger than sales of whole milk items. (See table 2 on page 38.)

(6) There are regional differences in the consumption of lowfat and skim milk items. In the West North Central and Pacific regions, sales of these products in July 1978 represented 57 percent of total fluid milk sales. At the other end of the scale, only 23 percent of total sales in West South Central markets were lowfat and skim milk products. On an individual market basis, combined sales of these items in July 1978 accounted for 70.5 percent of total sales in Upper Midwest and only 16.7 percent in Red River Valley. (See table 2 on page 38.)

* Prepared by John P. Rourke, Agricultural Marketing Specialist, and Mary L. Rolark, Dairy Products Marketing Specialist, Market Information Branch, Dairy Division, Agricultural Marketing Service. FMOS-227, November 1978 Summary.

Table 1.--Changes in the sales relationship and butterfat content of whole milk items, lowfat and skim milk items and total fluid milk items, 1962-1978

Year	Whole milk items 1/			Lowfat and skim milk items 2/			Total fluid milk items			
	No. of mkts.	Change over prev. year	Pct. of total	Bf. test	Change over prev. year	Pct. of total	Bf. test	Change over prev. year	Pct. of total	
1962	67	+ 1.2	91.1	3.56	+ 7.6	8.9	1.17	+ 1.8	100.0	3.34
1963	73	+ 2.3	90.3	3.53	+ 9.0	9.7	1.26	+ 2.9	100.0	3.30
1964	71	+ 1.0	89.3	3.52	+12.5	10.7	1.33	+ 2.1	100.0	3.28
1965	69	+ 1.2	88.6	3.52	+ 9.0	11.4	1.36	+ 2.0	100.0	3.28
1966	66	- .4	87.0	3.52	+13.5	13.0	1.43	+ 1.2	100.0	3.25
1967	67	- 2.9	85.0	3.50	+13.4	15.0	1.49	- .8	100.0	3.20
1968	62	- .7	82.9	3.49	+16.2	17.1	1.48	+ 1.8	100.0	3.15
1969	60	- 1.9	80.5	3.47	+13.3	19.5	1.51	+ .7	100.0	3.09
1970	55	- 2.3	78.6	3.46	+ 8.1	21.4	1.54	- .2	100.0	3.05
1971	58	- 1.4	76.4	3.45	+10.6	23.6	1.54	+ 1.2	100.0	2.99
1972	58	- .3	74.5	3.44	+ 9.9	25.5	1.52	+ 2.1	100.0	2.95
1973	57	- 3.1	72.2	3.42	+ 8.5	27.8	1.49	- .2	100.0	2.88
1974	57	- 6.2	69.6	3.41	+ 6.5	30.4	1.49	- 2.7	100.0	2.82
1975	55	- .9	67.3	3.36	+ 9.8	32.7	1.49	+ 2.3	100.0	2.75
1976	48	- 3.0	65.1	3.34	+ 7.2	34.9	1.50	+ .3	100.0	2.69
1977	46	- 3.3	63.3	3.34	+ 6.5	36.7	1.49	+ .1	100.0	2.66
1978	46	- 2.2	61.9	3.32	+ 4.6	38.1	1.50	+ .3	100.0	2.63

1/ Plain, flavored, and miscellaneous whole milk. 2/ Plain, solids added, and flavored one percent and two percent lowfat added, and flavored skim milk; buttermilk, and miscellaneous products.

Table 2.--Sales of whole milk items, lowfat and skim milk items, and lowfat milk, as a percentage of total sales in selected Federal milk order markets, July 1962, 1972, and 1978 1/

Marketing area	July 1962				July 1972				July 1978			
	As percentage of total sales		Lowfat milk as % of items3/		As percentage of total sales		Lowfat milk as % of items3/		As percentage of total sales		Lowfat milk as % of items3/	
	Whole milk	Lowfat milk	Whole milk	Lowfat milk	Whole milk	Lowfat milk	Whole milk	Lowfat milk	Whole milk	Lowfat milk	Whole milk	Lowfat milk
NEW ENGLAND												
New England	95.5	4.5	0.1	3.2	85.8	14.2	9.2	64.5	78.3	21.7	16.2	74.6
MIDDLE ATLANTIC												
New York-N.J. 4/	NA	NA	NA	NA	89.7	10.3	5.4	52.9	5/83.3	16.7	9.7	57.8
Middle Atlantic	93.9	6.1	.1	2.2	85.5	14.5	4.5	31.2	71.8	28.2	17.4	61.9
SOUTH ATLANTIC												
Tampa Bay	---	---	---	---	85.0	15.0	8.3	55.2	73.1	26.9	20.4	76.0
Southeastern Fla.	88.6	11.4	0	0	82.6	17.4	7.3	42.3	72.3	27.7	19.8	71.4
Upper Florida	---	---	---	---	86.6	13.4	3.2	23.8	75.0	25.0	18.6	74.5
Georgia	---	---	---	---	76.4	23.6	7.9	33.5	65.6	34.4	22.4	65.0
EAST NORTH CENTRAL												
Southern Mich.	94.0	6.0	0	0	77.3	22.7	14.4	63.3	64.5	35.5	26.0	73.2
Eastern O.-W. Pa.	91.9	8.1	3.5	43.4	80.8	19.2	13.8	72.0	70.5	29.5	23.5	79.4
Ohio Valley	90.9	9.1	1.4	15.2	76.1	23.9	14.8	62.1	61.0	39.0	30.3	77.5
Western Group												
Mich. Upper Pen.	94.0	6.0	6/	.7	72.2	27.8	20.5	73.8	51.4	48.6	42.1	86.7
Chicago Regional	88.7	11.3	2.1	18.9	68.4	31.6	23.2	73.6	53.6	46.4	39.3	84.7
Louis.-Lex.-Evans.	87.9	12.1	5.2	43.1	69.0	31.0	23.4	75.6	53.1	46.9	39.6	84.5
Indiana	85.9	14.1	4.3	30.5	58.8	41.2	32.0	77.7	50.5	49.5	43.3	87.6
Southern Illinois	86.0	14.0	10.5	75.0	58.5	41.5	36.1	87.2	51.0	49.0	43.8	89.3
Central Illinois	---	---	---	---	63.1	36.9	30.3	82.1	47.8	52.2	45.6	87.4
WEST NORTH CENTRAL												
Northern Group												
Upper Midwest	83.6	16.4	5.0	30.4	46.7	53.3	36.8	69.1	29.5	70.5	54.2	76.8
E. South Dakota	80.7	19.3	10.3	53.6	46.1	53.9	42.2	78.3	35.8	64.2	54.5	84.9
Black Hills	91.9	8.1	1.9	23.1	55.7	44.3	38.5	86.8	46.3	53.7	45.2	84.2
Iowa	82.6	17.4	5.4	30.8	56.8	43.2	30.0	69.4	39.4	60.6	48.4	79.9
Nebraska-W. Iowa	89.0	11.0	3.5	32.1	64.2	35.8	28.3	79.0	51.2	48.8	40.7	83.5
Southern Group												
St. Louis-Ozarks	85.8	14.2	8.3	58.6	60.6	39.4	33.2	84.4	52.3	47.7	41.6	87.1
Greater Kans. City	89.4	10.6	5.4	51.2	60.7	39.3	33.8	86.0	54.0	46.0	40.3	87.8
Neosho Valley	91.1	8.9	2.3	25.6	72.1	27.9	23.0	82.4	68.3	31.7	24.2	76.5
Wichita	92.3	7.7	2.0	25.5	68.0	32.0	27.6	86.2	60.7	39.3	34.0	86.4
EAST SOUTH CENTRAL												
Paducah	87.3	12.7	2.4	19.0	80.5	19.5	11.6	59.3	70.2	29.8	20.9	70.1
Nashville	84.2	15.8	.3	1.9	79.9	20.1	4.4	22.0	68.6	31.4	18.7	59.6
Memphis	89.5	10.5	.1	.7	78.0	22.0	10.8	49.0	73.2	26.8	12.9	48.3
Tennessee Valley	84.1	15.9	7/	---	67.8	32.2	17.6	54.5	55.6	44.4	31.2	70.2

Continued

Table 2.--Sales of whole milk items, lowfat and skim milk items, and lowfat milk, as a percentage of total sales in selected Federal milk order markets, July 1962, 1972, and 1978 1/ -Con.

Marketing area	July 1962				July 1972				July 1978			
	As percentage of total sales		Lowfat milk as % of items2/		As percentage of total sales		Lowfat milk as % of items2/		As percentage of total sales		Lowfat milk as % of items2/	
Northern Group												
Central Arkansas	6.5	3.5	4.3	31.6	79.2	20.8	11.8	57.0	69.0	31.0	18.7	60.3
Fort Smith	NA	NA	NA	NA	NA	NA	NA	NA	75.1	24.9	15.7	63.0
Oklahoma Metrop.	92.7	7.3	.8	10.9	82.4	17.6	10.7	60.7	75.0	25.0	16.9	67.6
Red River Valley	91.7	8.3	1.2	14.3	82.4	17.6	10.5	59.4	83.3	16.7	10.9	65.2
Texas Panhandle	91.4	8.6	.1	1.6	82.8	17.2	10.8	62.4	80.8	19.2	10.8	56.3
Lubbock-Plainview	90.6	9.4	.6	6.9	81.7	18.3	10.2	55.7	79.1	20.9	10.7	51.0
Southern Group												
Greater Louisiana	87.7	12.3	.9	7.1	80.2	19.8	7.3	36.8	80.4	19.6	13.8	70.3
New Orleans-Miss.	92.3	7.7	0	0	83.5	16.5	11.4	68.6	81.7	18.3	11.1	60.9
Texas	92.5	7.5	.3	4.1	77.2	22.8	16.5	72.6	75.5	24.5	19.5	79.4
MOUNTAIN												
Eastern Colorado	84.8	15.2	5.1	33.2	65.0	35.0	26.9	76.9	53.0	47.0	38.7	82.4
Great Basin	78.6	21.4	14.9	69.5	51.7	48.3	35.6	73.7	41.8	58.2	52.4	90.0
Western Colorado	92.8	7.2	0	0	71.6	28.4	24.5	86.2	58.3	41.7	37.3	89.4
Central Arizona	86.4	13.6	7.2	53.1	77.0	23.0	13.7	59.4	63.3	36.7	27.1	73.8
Rio Grande Valley	93.0	7.0	.5	7.0	84.6	15.4	11.6	75.4	78.8	21.2	14.8	69.5
Lake Mead	---	---	---	---	---	---	---	---	66.2	33.8	28.3	83.7
PACIFIC												
Puget Sound	85.4	14.6	6.6	45.4	53.2	46.8	39.8	85.0	41.9	58.1	50.3	86.5
Inland Empire	77.1	22.9	14.1	61.5	47.3	52.7	44.5	84.4	35.1	64.9	58.3	89.7
Oregon-Washington	---	---	---	---	56.0	44.0	37.8	85.9	45.3	54.7	47.6	87.2
TOTAL	90.3	9.7	2.3	24.0	75.4	24.6	16.7	67.6	65.0	35.0	26.9	77.1

NA Not available.

1/ Data represent the marketing areas after all mergers, name changes, and expansions up to July 1978. To the extent possible, data for previous years have been adjusted to accommodate these marketing area changes in order to make the data for previous years comparable to the present year.

2/ Plain, flavored, and miscellaneous whole milk.

3/ Plain, solids added, and flavored one percent and two percent lowfat added, and flavored skim milk; buttermilk, and miscellaneous products.

4/ Percentages based on Class I sales in the marketing area.

5/ Data for July 1977.

6/ Less than 0.05 percent.

7/ Restricted.

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MAJOR ORDER ACTIONS, NOVEMBER 1978

Temporary Revision:

Chicago Regional - November 1 (43 FR 51383, 11/3/78). The minimum supply plant shipping percentage is reduced from 35 percent to 30 percent for the months of October and November 1978.

Suspension:

Paducah - November 24 (43 FR 54920, 11/24/78). This action suspends for the period November 1978 through March 1979 the provisions that limit diversions to nonpool plants to 15 percent of a handler's receipts at pool plants. As a result, a 25 percent limitation applies during these months.